

**Fishery Data Series No. 91-41**

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# **Sport Harvest of Anadromous Salmon in the Yukon River Drainage, 1977-1989**

**by**

**William D. Arvey**

**and**

**Michael J. Mills**

September 1991

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Alaska Department of Fish and Game

Division of Sport Fish



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# ABSTRACT

Estimates of the number and distribution of anadromous pacific salmon harvested by sport anglers in the Yukon River drainage are presented for the years 1977 through 1989. During this time period, the annual salmon sport harvest ranged from less than 1,000 fish to approximately 5,000 fish. Primary species harvested were chinook salmon *Oncorhynchus tshawytscha*, chum salmon *Oncorhynchus keta*, and coho salmon *Oncorhynchus kisutch* in near-equal proportions over the 13-year period. Sockeye salmon *Oncorhynchus nerka* and pink salmon *Oncorhynchus gorbuscha* were a negligible component of the sport harvest. The geographic distribution of harvests was heavily dominated by the Tanana River valley. Sport harvests of chinook salmon in the Salcha River were more numerous than those in the Chatanika and Chena rivers in most years, but in 1988 and 1989 the Salcha River sport harvest was relatively less than in previous years. Harvest estimates by species of salmon are provided for all sites in the Yukon River drainage for which anglers reported harvesting salmon in response to annual statewide harvest surveys from 1977 through 1989.

KEY WORDS: Yukon River, salmon, chinook, *Oncorhynchus tshawytscha*, coho, *Oncorhynchus kisutch*, chum, *Oncorhynchus keta*, harvest, sport, survey.



## INTRODUCTION

In order to achieve mandated allocations while sustaining fish stocks, information on harvest by fish stock and user group is required to manage the commercial, subsistence, and sport salmon fisheries of the Yukon River drainage (Figure 1). Because commercial and subsistence fisheries typically occur in the lower mainstem of the river, many hundreds of miles from spawning streams, obtaining this information for those fisheries presents a technical challenge that has involved stock separation studies utilizing morphological as well as genetic characteristics. Since 1981 considerable effort has been spent estimating stock contributions to the commercial chinook salmon *Oncorhynchus tshawytscha* and fall chum salmon *O. keta* harvests (Wilcock 1984, 1985, 1986; Wilcock and McBride 1983; Beacham et al., 1987 and 1989; Gharrett et al. 1987; Merritt 1988; Merritt et al. 1987). Subsistence harvests are not apportioned by stock or stream of origin, but harvest is estimated annually by location along the Yukon River and its tributaries (Brannian et al. 1987; Walker et al. 1989; Whitmore et al. 1987 and 1990).

Apportionment of sport harvest to stock of origin is simplified because virtually the entire harvest takes place in spawning streams and because sport harvests are available by stream. Since 1977, the Sport Fish Division of the Alaska Department of Fish and Game has monitored harvest and participation in Alaska sport fisheries by conducting an annual survey of anglers who sport fished in the state (Mills 1979-1990). The Yukon River drainage portions of the 1977-1989 data bases resulting from these surveys have been reorganized to provide the information contained in this report.

## METHODS

All historical sport fish surveys involved mailing questionnaires to random samples selected from computerized files of names and addresses of individuals who had purchased sport fishing licenses. Reminder letters and questionnaires were mailed to those individuals who did not respond to the first mailing. A second reminder and a questionnaire were mailed to those who did not respond to the first reminder. Further details and results for these surveys may be found in Mills (1979-1990).

Reorganization of historical data bases to produce results in this report involved extracting Yukon River drainage sites for the years 1977-1989, identifying to which of 17 sublocation categories (13 stream drainages and 4 general) each site belonged, and creating a Yukon River drainage data base. This new data base was manipulated to generate estimates in this report.

## RESULTS

Annual sport harvests of Yukon River drainage salmon have gradually increased from less than 1,000 salmon in 1977 to almost 5,000 salmon in 1989 (Table 1). Primary species harvested by recreational anglers were chinook salmon, chum salmon, and coho salmon *O. kisutch*. Occasionally, pink salmon *O. gorbuscha*, and sockeye salmon *O. nerka* were reported in the sport harvest. Sockeye salmon were reported so infrequently that they were not included in Table 1. The Tanana River drainage accounted for the majority of the sport harvests of

all species of salmon in every year except 1978 when more were estimated to have been harvested in the Andreafsky River. Chinook salmon harvest estimates were dominated by those from the Tanana River drainage (Table 2). The peak sport harvest for this species occurred in 1985 when an estimated 1,368 fish were taken in the Yukon River drainage, of which 1,356 were harvested in Tanana River drainage streams.

Apportionment of the Tanana River drainage chinook salmon sport harvest to the three major chinook salmon sport fishing streams indicates that from 1977 to 1987 the Salcha River harvest dominated producing more than the Chena and Chatanika rivers, but that the Salcha River accounted for fewer chinook salmon harvested in recent years (Figure 2). The chinook salmon harvest in the Chatanika River grew in relation to harvests in the other two streams.

No sport harvest of salmon was reported for five (Melozitna, Dall, Chandalar, Charley, and Fortymile rivers) of the 13 tributary stream drainages. Reported harvests from the Nulato, Porcupine and Innoko river drainages have been extremely light since survey inception (Table 1). Most of the salmon sport harvests from the four nonspecific categories were in the category referred to as "other Yukon River" (Table 1). This category includes all responses not otherwise classified by specific portion of the Yukon River drainage. In most cases, respondents identified their fishing location only as "Yukon River." Locations where surveyed anglers reported fishing from 1977 through 1989 classified by 17 Yukon River drainage categories, number of salmon by species harvested, and total number of respondents for each location is presented in Appendices A1 through A13. It should be noted that the number of respondents listed in Appendices A1 through A13 is not limited to those who harvested or fished for salmon. Target species of respondents may have been one or more of several species not included in the tables.

## DISCUSSION

Harvest in the Yukon River salmon sport fishery was less than one might expect of a salmon-producing drainage of its size. For example, the annual combined subsistence and commercial harvest of chinook salmon in the Yukon River drainage during the 1985 through 1989 period averaged 163,783 fish (ADFG 1991), yet during the same period, sport harvests of chinook salmon averaged 933 fish. By comparison, estimates of the 1985-1989 average sport harvest of sea-run chinook salmon from the much smaller Kenai River in Southcentral Alaska exceeded 23,000 fish. Sparse sport harvests of salmon in the Yukon River drainage are primarily due to the remoteness of most clearwater spawning tributaries. Only in the Tanana Valley is there sufficient road access to streams to allow significant fishing effort. Salmon sport fishing is also reduced because of the distance from the sea of most spawning tributaries and the diminished physical condition of most salmon as they near the end of long migrations up the main Yukon River. Most anglers prefer to catch salmon either in saltwater or in tributaries nearer to saltwater than in far upstream tributaries of the Yukon River.

Pink salmon and sockeye salmon are virtually not available to sport anglers in the Yukon River drainage, leaving chinook, coho, and chum salmon as target species. Chum salmon are the most abundant species of salmon in the drainage,

with dozens of stream stocks and a run-timing that spans the entire open-water summer period. Commercial and subsistence harvests of chum salmon averaged more than 1.6 million fish annually during 1985-1989 (ADFG 1991). Chum salmon are not a preferred salmon target species by most anglers, and harvests averaged less than 1,300 fish annually during the same period.

Coho salmon returns to the Yukon River drainage and harvests were fewer than chum and chinook salmon, with combined commercial and subsistence harvests averaging approximately 98,000 fish annually during the 1985-1989 period (ADFG 1991). Coho salmon typically enter the mouth of the Yukon River late, with peak migration after mid-August. Spawning in far upstream tributaries of the Yukon and Tanana rivers may occur in November or later. Sport fishing for coho salmon in tributaries of the Tanana River also occurs late in the season, during freezing weather. Sport coho salmon harvests averaged less than 1,600 annually during the 1985-1989 period.

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Table 1. Yukon River sport harvests of salmon by location, 1977-1989.

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1977</u>		
Tanana River	100	300	0	94	494
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	6	18	24
Innoko River	0	0	0	0	0
Anvik River	0	2	0	0	2
Nulato River	0	5	0	0	5
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	4	6	0	0	10
Other below Tanana River	0	0	0	0	0
Yukon drainage lakes	0	3	13	0	16
Other Yukon River	52	0	0	0	52
Total Yukon River	156	316	19	112	603
			<u>1978</u>		
Tanana River	163	158	0	139	460
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	104	273	31	100	508
Innoko River					
Anvik River					
Nulato River	0	0	0	0	0
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	20	0	0	20
Other below Tanana River	244	0	62	63	369
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	12	0	0	0	12
Total Yukon River	523	451	93	302	1,369

-continued-

Table 1. (Page 2 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1979</u>		
Tanana River	515	219	0	25	759
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	0	0	0
Innoko River	0	0	0	0	0
Anvik River	0	0	0	0	0
Nulato River	0	0	0	0	0
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	39	109	0	25	173
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	0	0
Total Yukon River	554	328	0	50	932
			<u>1980</u>		
Tanana River	941	483	0	67	1,491
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	15	0	0	0	15
Innoko River	0	0	0	0	0
Anvik River	0	0	0	0	0
Nulato River	0	0	0	0	0
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River					
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	19	0	19
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	0	0
Total Yukon River	956	483	19	67	1,525

-continued-

Table 1. (Page 3 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1981</u>		
Tanana River	763	595	0	45	1,403
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	0	0	0
Innoko River	0	0	0	0	0
Anvik River					
Nulato River					
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	6	0	0	6
Other below Tanana River	0	0	11	0	11
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	6	11	0	0	17
Total Yukon River	769	612	11	45	1,437
			<u>1982</u>		
Tanana River	984	698	0	52	1,734
Koyukuk River	0	21	0	0	21
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	21	0	21
Innoko River					
Anvik River					
Nulato River	0	37	0	0	37
Melozitna River	0	0	0	0	0
Nowitna River	11	24	94	45	174
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	10	0	10
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	11	0	0	0	11
Total Yukon River	1,006	780	125	97	2,008

-continued-



Table 1. (Page 4 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1983</u>		
Tanana River	1,048	649	0	147	1,844
Koyukuk River	0	297	0	0	297
Porcupine River	0	0	0	0	0
Andreafsky River	0	42	0	0	42
Innoko River	0	0	0	0	0
Anvik River	0	0	0	0	0
Nulato River					
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	10	0	0	10
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	52	52
Total Yukon River	1,048	998	0	199	2,245
			<u>1984</u>		
Tanana River	338	585	0	831	1,754
Koyukuk River	13	0	0	0	13
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	78	0	78
Innoko River	0	0	0	0	0
Anvik River					
Nulato River	0	0	0	0	0
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River					
Charley River					
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	0	0	0
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	0	0
Total Yukon River	351	585	78	831	1,845

-continued-

Table 1. (Page 5 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1985</u>		
Tanana River	1,356	1,255	0	796	3,407
Koyukuk River	0	0	0	0	0
Porcupine River	12	12	0	12	36
Andreafsky River					
Innoko River					
Anvik River					
Nulato River					
Melozitna River					
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	0	0	0
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	0	0
Total Yukon River	1,368	1,267	0	808	3,443
			<u>1986</u>		
Tanana River	781	693	0	1,374	2,848
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	98	0	98
Innoko River	0	0	0	0	0
Anvik River					
Nulato River					
Melozitna River					
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River					
Fortymile River	0	0	0	0	0
Other above Tanana River	15	92	0	0	107
Other below Tanana River	0	0	0	73	73
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	110	0	88	198
Total Yukon River	796	895	98	1,535	3,324

-continued-

Table 1. (Page 6 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1987</u>		
Tanana River	502	620	0	1,231	2,353
Koyukuk River	0	124	0	25	149
Porcupine River	0	0	0	0	0
Andreafsky River	0	35	0	36	71
Innoko River					
Anvik River					
Nulato River	0	25	0	0	25
Melozitna River					
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	42	0	0	42
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	0	0	0	0	0
Total Yukon River	502	846	0	1,292	2,640
			<u>1988</u>		
Tanana River	853	491	0	2,237	3,581
Koyukuk River	0	0	0	0	0
Porcupine River	0	0	0	0	0
Andreafsky River	0	0	0	73	73
Innoko River	0	0	0	0	0
Anvik River	18	546	0	55	619
Nulato River					
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	0	0	0
Yukon drainage lakes	0	0	0	0	0
Other Yukon River	73	0	0	55	128
Total Yukon River	944	1,037	0	2,420	4,401

-continued-

Table 1. (Page 7 of 7).

Location	Number of Fish Harvested				
	Chinook Salmon	Chum Salmon	Pink Salmon	Coho Salmon	All Salmon
			<u>1989</u>		
Tanana River	963	1,134	0	1,596	3,693
Koyukuk River	0	10	0	40	50
Porcupine River	10	0	0	0	10
Andreafsky River	40	103	0	110	253
Innoko River	10	21	0	0	31
Anvik River	30	206	0	20	256
Nulato River	0	31	0	0	31
Melozitna River	0	0	0	0	0
Nowitna River	0	0	0	0	0
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	0	0	0	0	0
Other below Tanana River	0	0	0	0	0
Yukon drainage lakes	0	21	0	0	21
Other Yukon River	0	577	0	30	607
Total Yukon River	1,053	2,103	0	1,796	4,952
		<u>1977 through 1989 combined</u>			
Tanana River	9,307	7,880	0	8,634	25,821
Koyukuk River	13	452	0	65	530
Porcupine River	22	12	0	12	46
Andreafsky River	159	453	234	337	1,183
Innoko River	10	21	0	0	31
Anvik River	48	754	0	55	857
Nulato River	0	98	0	0	98
Melozitna River	0	0	0	0	0
Nowitna River	11	24	94	65	194
Dall River	0	0	0	0	0
Chandalar River	0	0	0	0	0
Charley River	0	0	0	0	0
Fortymile River	0	0	0	0	0
Other above Tanana River	19	124	0	0	143
Other below Tanana River	283	161	102	161	707
Yukon drainage lakes	0	24	13	0	37
Other Yukon River	154	698	0	225	1,077
Total	10,026	10,701	443	9,554	30,724

Table 2. Yukon River sport harvest of chinook salmon by location, 1977-1989.

Location	Number of chinook salmon harvested by year												
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Tanana River	100	163	515	941	763	984	1,048	338	1,356	781	502	853	963
Koyukuk River	0	0	0	0	0	0	0	13	0	0	0	0	0
Porcupine River	0	0	0	0	0	0	0	0	12	0	0	0	10
Andreafsky River	0	104	0	15	0	0	0	0		0	0	0	40
Innoko River	0		0	0	0		0	0		0		0	10
Anvik River	0		0	0			0					18	30
Nulato River	0	0	0	0		0	0				0		0
Melozitna River	0	0	0	0	0	0	0	0				0	0
Nowitna River	0	0	0	0	0	11	0	0	0	0	0	0	0
Dall River	0	0	0	0	0	0	0	0	0	0	0	0	0
Chandalar River	0	0	0	0	0	0	0		0	0	0	0	0
Charley River	0	0	0		0	0	0		0		0	0	0
Fortymile River	0	0	0	0	0	0	0	0	0	0	0	0	0
Other above Tanana River	0	0	0	0	0	0	0	0	0	15	0	0	0
Other below Tanana River	0	244	39	0	0	0	0	0	0	0	0	0	0
Yukon drainage lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Yukon River	52	12	0	0	6	11	0	0	0	0	0	73	0
Total Yukon River	156	523	554	956	769	1,006	1,048	351	1,368	796	502	944	1,053

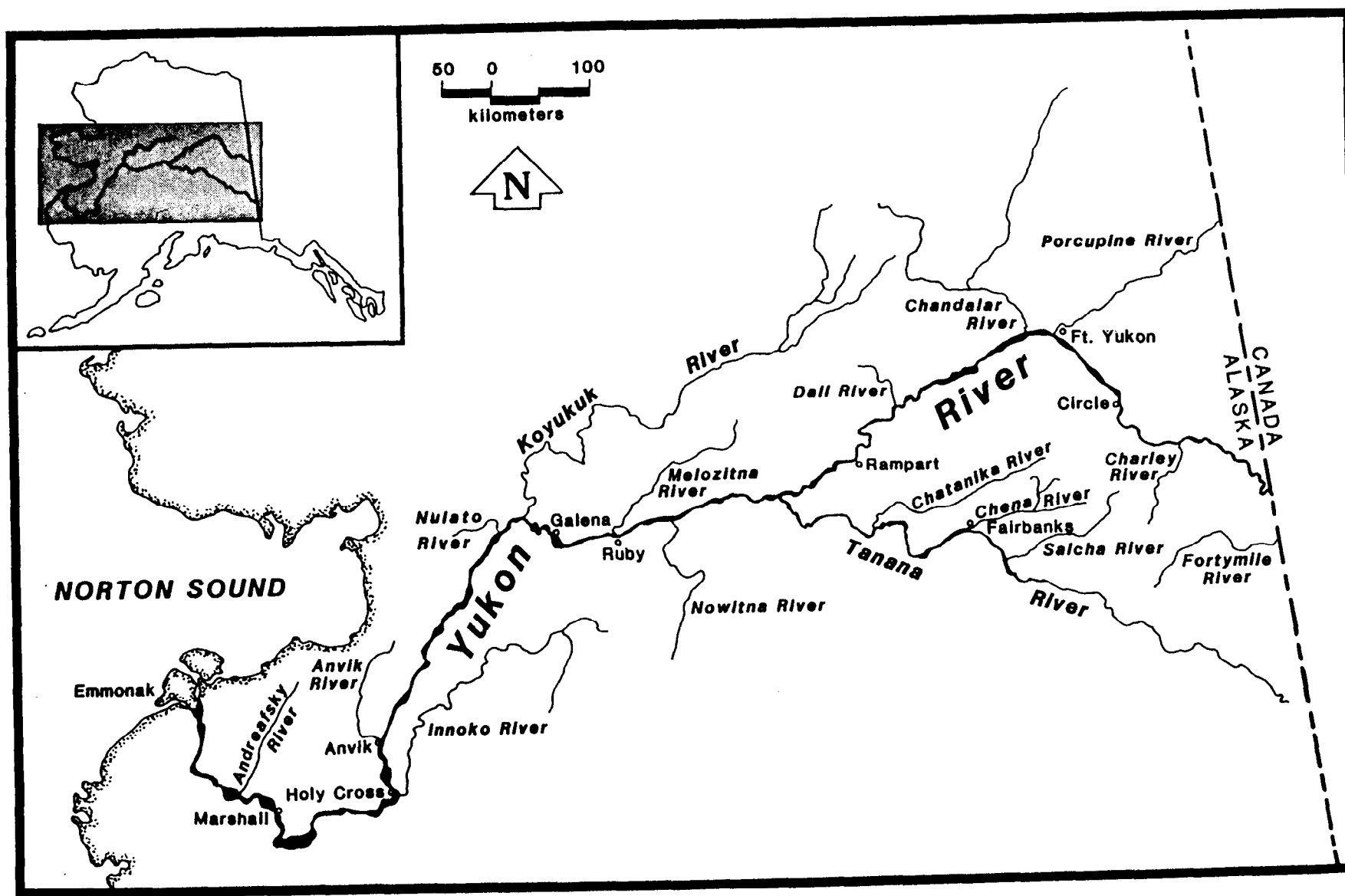


Figure 1. The Yukon River drainage.

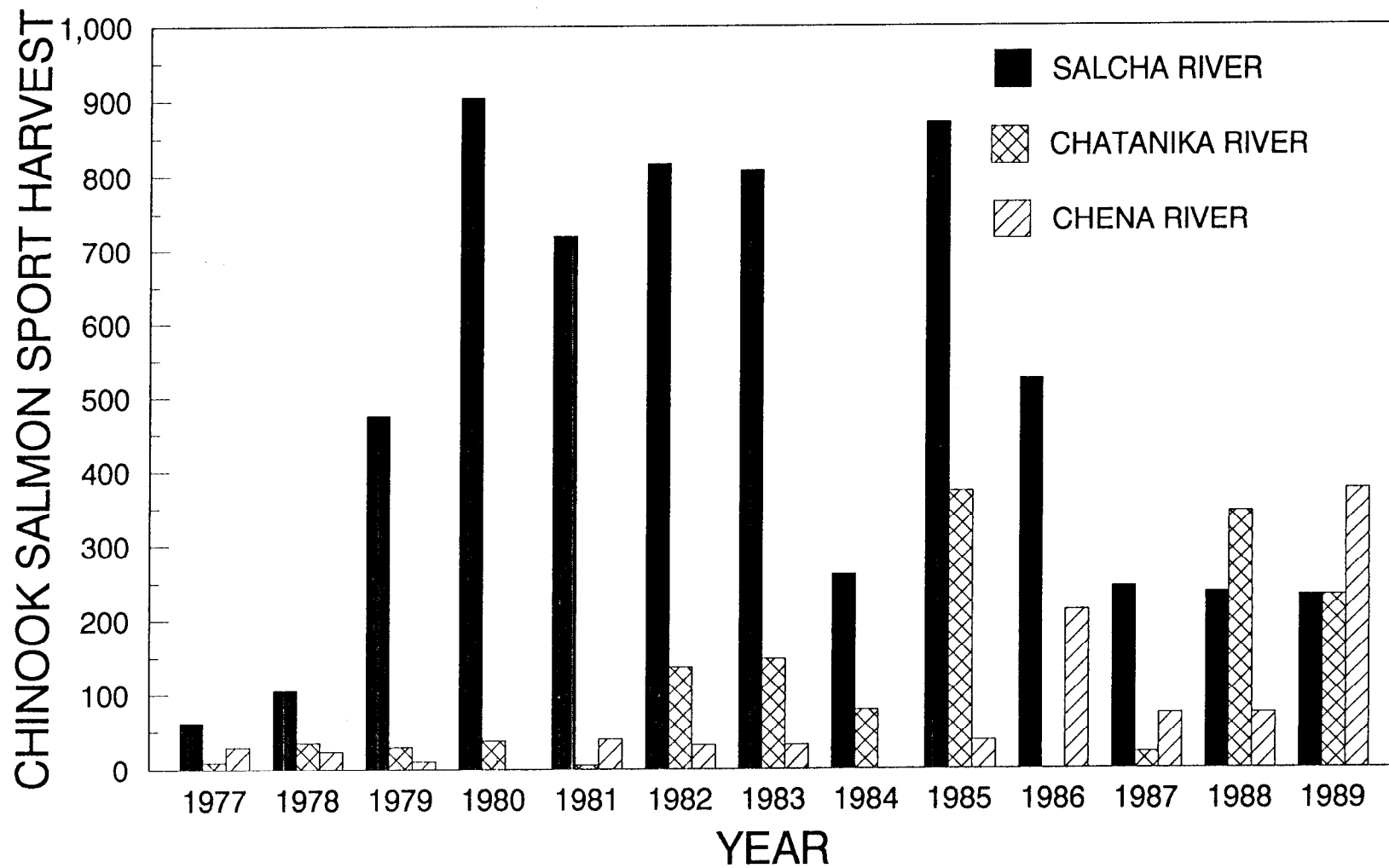


Figure 2. Chinook salmon sport harvest in three major Tanana River tributaries, 1977-1989.

## APPENDIX A



Appendix A1. Yukon River salmon sport harvest by fisheries and species, 1977.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Chena River/Badger Slough	29	0	0	0	43	441
1. Chatanika River	9	0	0	0	34	255
1. Salcha River	62	0	0	0	27	176
1. Delta Clearwater River	0	31	0	0	19	130
1. Birch Lake	0	0	0	0	0	201
1. Quartz Lake	0	0	0	0	0	231
1. George Lake	0	0	0	0	0	34
1. Minto Flats	0	0	0	0	0	124
1. Others	0	63	0	0	177	426
2. Jim River	0	0	0	0	0	1
2. Koyukuk River	0	0	0	0	0	4
2. Birch Creek (24 mi NW Hughes)	0	0	0	0	0	3
3. Vundik Lake	0	0	0	0	0	1
3. Black River	0	0	0	0	0	2
4. Andreafsky River	0	18	0	6	0	4
5. Innoko River	0	0	0	0	0	1
6. Anvik River	0	0	0	0	2	2
7. Nulato River	0	0	0	0	5	2
8. Melozitna River	0	0	0	0	0	1
9. Clearwater Creek	0	0	0	0	0	2
9. Nowitna River	0	0	0	0	0	4
10. Dall River (Dahl River)	0	0	0	0	0	4
11. Junjik River	0	0	0	0	0	1
11. Flat Creek	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	9
13. Dennison Fork	0	0	0	0	0	1
13. Fortymile River	0	0	0	0	0	9
13. Logging Cabin Creek	0	0	0	0	0	1
13. Mosquito River (Fork)	0	0	0	0	0	1
13. Obrien Creek	0	0	0	0	0	1
13. Walkers Fork	0	0	0	0	0	1
13. West Fork Dennison	0	0	0	0	0	2
14. Morelock Creek	0	0	0	0	0	1
14. Kandik River	4	0	0	0	0	5
14. Nation River	0	0	0	0	3	1
14. Tatonduk River	0	0	0	0	0	1
14. Bear Creek	0	0	0	0	0	3
14. Birch Creek	0	0	0	0	0	9
14. Boney Creek	0	0	0	0	0	1
14. Nome Creek	0	0	0	0	0	2

-continued-

Appendix A1. (Page 2 of 2).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
14. Quail Creek	0	0	0	0	0	1
14. Seventymile River	0	0	0	0	3	2
14. Sheep Creek	0	0	0	0	0	1
15. Tozitna River	0	0	0	0	0	5
15. Ray River	0	0	0	0	0	3
15. Galena River	0	0	0	0	0	1
15. Hess Creek	0	0	0	0	0	2
16. Jay Creek	0	0	0	0	0	2
16. Takahula Lake	0	0	0	0	0	3
16. John River	0	0	0	0	0	3
16. Old John Lake	0	0	0	0	0	2
16. Ernie Lake	0	0	0	0	0	2
16. Wild Lake	0	0	0	0	0	6
16. Twin Lakes	0	0	0	0	0	1
16. Chandalar Lake	0	0	0	0	0	8
16. Iniakuk Lake	0	0	0	0	0	2
16. Kako Lake	0	0	0	13	3	1
16. Medicine Lake	0	0	0	0	0	1
17. Others - Unspecified	9	0	0	0	0	17
17. Yukon River	43	0	0	0	0	14
TOTAL	156	112	0	19	316	2176

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A2. Yukon River salmon sport harvest by fisheries and species, 1978.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Chena River/Badger Slough	23	0	0	0	20	165
1. Chatanika River	35	0	0	0	20	123
1. Salcha River	105	0	0	0	59	86
1. Delta Clearwater River	0	126	0	0	59	52
1. Birch Lake	0	0	0	0	0	60
1. Quartz Lake	0	0	0	0	0	52
1. George Lake	0	0	0	0	0	10
1. Minto Flats	0	0	0	0	0	46
1. Tangle Lakes	0	0	0	0	0	88
1. Others	0	13	0	0	0	129
2. Koyukuk River	0	0	0	0	0	4
2. Glacier River	0	0	0	0	0	1
3. Wind River	0	0	0	0	0	1
3. Porcupine River	0	0	0	0	0	3
3. Sheenjek River	0	0	0	0	0	2
3. Little Black River	0	0	0	0	0	1
4. Andreafsky River	104	100	0	31	273	4
7. Nulato River	0	0	0	0	0	2
8. Little Melojitna River	0	0	0	0	0	1
9. Nowitna River	0	0	0	0	0	3
10. Dall River (Dahl River)	0	0	0	0	0	4
11. Your Creek	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	2
13. Fortymile River	0	0	0	0	0	3
13. Mosquito River (Fork)	0	0	0	0	0	1
14. Hodzana River	0	0	0	0	20	1
14. Birch Creek	0	0	0	0	0	3
15. Cape Romanzof Streams	244	63	0	62	0	3
15. Hess Creek	0	0	0	0	0	1
16. John River	0	0	0	0	0	1
16. Old John Lake	0	0	0	0	0	2
16. Chandalar Lake	0	0	0	0	0	1
16. Island Lake (U)	0	0	0	0	0	2
17. Other - Unspecified	0	0	0	0	0	5
17. Yukon River	12	0	0	0	0	5
TOTAL	523	302	0	93	451	868

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melojitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A3. Yukon River salmon sport harvest by fisheries and species, 1979.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	10	0	0	0	0	245
1. Lower Chena River	0	0	0	0	9	213
1. Badger Slough	0	0	0	0	0	113
1. Chatanika River	29	0	0	0	0	169
1. Salcha River	476	0	0	0	146	209
1. Delta Clearwater River	0	0	0	0	0	105
1. Birch Lake	0	0	0	0	0	147
1. Quartz Lake	0	0	0	0	0	188
1. George Lake	0	0	0	0	0	17
1. Minto Flats	0	0	0	0	55	59
1. Tangle Lakes	0	0	0	0	0	115
1. Others	0	25	0	0	9	242
2. Jim River	0	0	0	0	0	5
2. Koyukuk River	0	0	0	0	0	2
2. Bonanza Creek	0	0	0	0	0	1
2. Alatna River	0	0	0	0	0	2
2. Gisasa River	0	0	0	0	0	1
2. Kateel River	0	0	0	0	0	1
2. Dulbi River	0	0	0	0	0	1
3. Vundik Lake	0	0	0	0	0	1
3. Porcupine River	0	0	0	0	0	2
3. Sheenjek River	0	0	0	0	0	1
3. Coleen River	0	0	0	0	0	2
3. Salmon Trout River	0	0	0	0	0	1
3. Sunaghun Creek	0	0	0	0	0	1
3. Salmon Fork	0	0	0	0	0	1
4. Andreafsky River	0	0	0	0	0	2
5. Folger Creek	0	0	0	0	0	1
5. Innoko River	0	0	0	0	0	2
5. Slate Creek	0	0	0	0	0	1
6. Anvik River	0	0	0	0	0	2
7. Nulato River	0	0	0	0	0	1
8. Black Sand Creek	0	0	0	0	0	1
8. Melozitna River	0	0	0	0	0	4
9. Nowitna River	0	0	0	0	0	2
10. Dall River (Dahl River)	0	0	0	0	0	7
11. Your Creek	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	1
13. Dennison Fork	0	0	0	0	0	1
13. Fortymile River	0	0	0	0	0	9
13. Liberty Creek	0	0	0	0	0	1
13. Logging Cabin Creek	0	0	0	0	0	2

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Appendix A3. (Page 2 of 2).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
13. Walkers Fork	0	0	0	0	0	1
14. Kandik River	0	0	0	0	0	1
14. Birch Creek	0	0	0	0	0	4
14. Hodzana River	0	0	0	0	0	1
15. Tozitna River	0	0	0	0	0	2
15. Cape Romanzof Streams	39	25	16	0	109	2
15. Hess Creek	0	0	0	0	0	6
15. Kaiyuh Slough	0	0	0	0	0	1
16. John River	0	0	0	0	0	3
16. Wild Lake	0	0	0	0	0	2
16. Twin Lakes	0	0	0	0	0	3
16. Chandalar Lake	0	0	0	0	0	3
16. Iniakuk Lake	0	0	0	0	0	1
16. Medicine Lake	0	0	0	0	0	1
17. Others - Unspecified	0	0	0	0	0	11
17. Yukon River	0	0	0	0	0	8
TOTAL	554	50	16	0	328	1932

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A4. Yukon River salmon sport harvest by fisheries and species, 1980.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	268
1. Lower Chena River	0	0	0	0	21	277
1. Badger Slough	0	0	0	0	0	125
1. Chatanika River	37	0	0	0	104	185
1. Salcha River	904	0	0	0	196	238
1. Delta Clearwater River	0	25	0	0	25	86
1. Birch Lake	0	0	0	0	0	223
1. Quartz Lake	0	0	0	0	0	185
1. George Lake	0	0	0	0	0	27
1. Minto Flats	0	0	0	0	0	63
1. Tangle Lakes	0	0	0	0	0	126
1. Others	0	42	0	0	137	296
2. Jim River	0	0	0	0	0	5
2. Koyukuk River	0	0	0	0	0	8
2. Bonanza Creek	0	0	0	0	0	2
2. Wild River	0	0	0	0	0	2
2. Fish Creek	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	3
3. Wind River	0	0	0	0	0	2
3. Porcupine River	0	0	0	0	0	5
3. Sheenjek River	0	0	0	0	0	2
3. Coleen River	0	0	0	0	0	3
3. Black River	0	0	0	0	0	1
3. Black River	0	0	0	0	0	2
4. Andreafsky River	15	0	0	0	0	4
5. Innoko River	0	0	0	0	0	1
6. Anvik River	0	0	0	0	0	1
7. Nulato River	0	0	0	0	0	1
8. Melozitna River	0	0	0	0	0	4
9. Nowitna River	0	0	0	0	0	2
10. Dall River (Dahl River)	0	0	0	0	0	5
11. Junjik River	0	0	0	0	0	1
13. Fortymile River	0	0	0	0	0	1
14. Morelock Creek	0	0	0	0	0	1
14. Bear Creek	0	0	0	0	0	1
14. Bedrock Creek	0	0	0	0	0	1
14. Birch Creek	0	0	0	0	0	4
15. Tozitna River	0	0	0	0	0	1
15. Ray River	0	0	0	0	0	2
15. Bishop Creek	0	0	0	0	0	1
15. Cape Romanzof Streams	0	0	0	19	0	2
15. Galena River	0	0	0	0	0	1
15. Hess Creek	0	0	0	0	0	4

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Appendix A4. (Page 2 of 2).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
15. Pilot Slough	0	0	0	0	0	1
16. John River	0	0	0	0	0	1
16. Old John Lake	0	0	0	0	0	1
16. Wild Lake	0	0	0	0	0	4
16. Chandalar Lake	0	0	0	0	0	2
16. Iniakuk Lake	0	0	0	0	0	1
16. Medicine Lake	0	0	0	0	0	1
17. Others - Unspecified	0	0	0	0	0	9
17. Yukon River	0	0	0	0	0	6
<b>TOTAL</b>	<b>956</b>	<b>67</b>	<b>0</b>	<b>19</b>	<b>483</b>	<b>2,199</b>

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A5. Yukon River salmon sport harvest by fisheries and species, 1981.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	232
1. Lower Chena River	39	0	0	0	0	202
1. Badger Slough	0	0	0	0	0	86
1. Chatanika River	5	0	0	0	0	134
1. Salcha River	719	0	0	0	368	217
1. Delta Clearwater River	0	45	0	0	0	86
1. Richardson Clearwater River	0	0	0	0	0	19
1. Birch Lake	0	0	0	0	0	209
1. Quartz Lake	0	0	0	0	0	241
1. George Lake	0	0	0	0	0	34
1. Volkmar Lake	0	0	0	0	0	12
1. Fielding Lake	0	0	0	0	0	48
1. Minto Flats	0	0	0	0	0	46
1. Tangle Lakes	0	0	0	0	0	110
1. Others	0	0	0	0	227	215
2. Jim River	0	0	0	0	0	1
2. Koyukuk River	0	0	0	0	0	8
2. Bonanza Creek (U)	0	0	0	0	0	1
2. Alatna River	0	0	0	0	0	1
2. Dietrich River	0	0	0	0	0	3
2. Wiseman Creek	0	0	0	0	0	1
2. Clear River	0	0	0	0	0	1
2. Prospect Creek	0	0	0	0	0	1
2. Utopia Creek	0	0	0	0	0	1
3. Porcupine River	0	0	0	0	0	2
3. Coleen River	0	0	0	0	0	3
3. Black River	0	0	0	0	0	1
4. Andreafsky River	0	0	0	0	0	1
5. Innoko River	0	0	0	0	0	2
8. Melozitna River	0	0	0	0	0	2
9. Nowitna River	0	0	0	0	0	3
10. Dall River (Dahl River)	0	0	0	0	0	10
11. Junjik River	0	0	0	0	0	1
11. Chandalar River N. Fork	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	1
13. Dennison Fork	0	0	0	0	0	2
13. Fortymile River	0	0	0	0	0	3
13. Logging Cabin Creek	0	0	0	0	0	1
13. Mosquito River (Fork)	0	0	0	0	0	1
14. Little Dall River	0	0	0	0	0	1
14. Bear Creek	0	0	0	0	6	3
14. Birch Creek	0	0	0	0	0	3

-continued-



Appendix A5. (Page 2 of 2).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
15. Tozitna River	0	0	0	0	0	1
15. Cape Romanzof Streams	0	0	0	11	0	1
15. Galena River	0	0	0	0	0	1
15. Hess Creek	0	0	0	0	0	4
15. Kala Slough	0	0	0	0	0	1
15. Pilot Slough	0	0	0	0	0	1
15. Uke River	0	0	0	0	0	2
16. John River	0	0	0	0	0	4
16. Old John Lake	0	0	0	0	0	1
16. Grayling Lake	0	0	0	0	0	1
16. Island Lake	0	0	0	0	0	1
16. Sithylenekkat Lake	0	0	0	0	0	1
16. Chandalar Lake	0	0	0	0	0	3
17. Others - Unspecified	0	0	0	0	11	20
17. Yukon River	6	0	0	0	0	7
TOTAL	769	45	0	11	612	1,999

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A6. Yukon River salmon sport harvest by fisheries and species, 1982.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	198
1. Lower Chena River	31	0	0	0	0	185
1. Badger Slough	0	0	0	0	0	81
1. Chatanika River	136	0	0	0	68	161
1. Salcha River	817	0	0	0	441	184
1. Delta Clearwater River	0	21	0	0	21	73
1. Richardson Clearwater River	0	0	0	0	0	16
1. Birch Lake	0	0	0	0	0	213
1. Quartz Lake	0	0	0	0	0	198
1. George Lake	0	0	0	0	0	20
1. Volkmar Lake	0	0	0	0	0	10
1. Fielding Lake	0	0	0	0	0	56
1. Minto Flats	0	0	0	0	0	18
1. Tangle Lakes	0	0	0	0	0	147
1. others	0	31	0	0	168	236
2. Jim River	0	0	0	0	0	5
2. Koyukuk River	0	0	0	0	0	5
2. Glacier River	0	0	0	0	0	1
2. Bonanza Creek	0	0	0	0	0	2
2. Fish Creek	0	0	0	0	21	1
2. Dietrich River	0	0	0	0	0	2
2. Wiseman Creek	0	0	0	0	0	1
2. Prospect Creek	0	0	0	0	0	3
2. Roy Creek	0	0	0	0	0	1
2. Hammond River	0	0	0	0	0	1
2. South Fork Koyukuk River	0	0	0	0	0	1
2. Utopia Creek	0	0	0	0	0	2
2. Hogatza River	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	2
3. Wind River	0	0	0	0	0	1
3. Porcupine River	0	0	0	0	0	3
3. Sheenjek River	0	0	0	0	0	2
3. Coleen River	0	0	0	0	0	4
3. Black River	0	0	0	0	0	2
4. Andrafsky River	0	0	0	21	0	3
7. Nulato River	0	0	0	0	37	1
8. Black Sand Creek	0	0	0	0	0	1
8. Melojitna River	0	0	0	0	0	1
9. Big Mud River	0	0	0	0	0	1
9. Clearwater Creek	11	45	10	94	24	1
9. Nowitna River	0	0	0	0	0	2
10. Dall River (Dahl River)	0	0	0	0	0	4

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Appendix A6. (Page 2 of 2).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
11. Flat Creek	0	0	0	0	0	1
11. Your Creek	0	0	0	0	0	1
11. Chandalar River	0	0	0	0	0	2
11. Chandalar River N. Fork	0	0	0	0	0	1
11. Chandalar Creek	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	1
13. Fortymile River	0	0	0	0	0	3
13. Mosquito River (Fork)	0	0	0	0	0	1
13. South Fork of Fortymile River	0	0	0	0	0	1
13. Jack Wade Creek (Wade Creek)	0	0	0	0	0	1
14. Tatonduk River	0	0	0	0	0	1
14. Bear Creek	0	0	0	0	0	2
14. Birch Creek	0	0	0	0	0	3
14. Nome Creek	0	0	0	0	0	2
15. Bishop Creek	0	0	0	0	0	2
15. Cape Romanzof Streams	0	0	0	10	0	2
15. Hess Creek	0	0	0	0	0	3
16. Old John Lake	0	0	0	0	0	1
16. Grayling Lake	0	0	0	0	0	3
16. Timber Lake	0	0	0	0	0	1
16. Ackerman Lake	0	0	0	0	0	1
16. Twin Lakes	0	0	0	0	0	2
16. Iniakuk Lake	0	0	0	0	0	1
16. Forty Mile Lake	0	0	0	0	0	1
16. Medicine Lake	0	0	0	0	0	1
16. North Fork Lake	0	0	0	0	0	1
17. Others - Unspecified	0	0	0	0	0	14
17. Yukon River	11	0	0	0	0	8
TOTAL	1,006	97	10	125	780	1,912

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A7. Yukon River salmon sport harvest by fisheries and species, 1983.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	188
1. Lower Chena River	31	0	0	0	10	149
1. Badger Slough	0	0	0	0	0	64
1. Chatanika River	147	0	0	0	136	157
1. Salcha River	808	0	0	0	273	158
1. Delta Clearwater River	0	63	0	0	63	51
1. Richardson Clearwater River	0	0	0	0	0	17
1. Goodpaster River	0	0	0	0	0	17
1. Birch Lake	0	0	0	0	0	181
1. Quartz Lake	0	0	0	0	0	207
1. George Lake	0	0	0	0	0	13
1. Volkmar Lake	0	0	0	0	0	7
1. Fielding Lake	0	0	0	0	0	36
1. Minto Flats	0	0	0	0	0	23
1. Tangle Lakes	52	0	0	0	0	107
1. Other Streams	0	0	0	0	0	11
1. Other Lakes	0	0	0	0	0	11
1. Birch Creek (Into Foraker Ck)	0	0	0	0	0	1
1. Bluff Cabin Lake	0	0	0	0	0	1
1. Brown Lake	0	0	0	0	0	1
1. Brushkana Creek	0	0	0	0	0	11
1. Chena Lake	0	0	0	0	0	2
1. Chisana River	0	0	0	0	0	1
1. Clearwater Creek	0	0	0	0	0	3
1. Deadman Lake (Tolvana)	0	0	0	0	0	6
1. Big Delta River	0	0	0	0	0	2
1. Donna Lake	0	0	0	0	0	2
1. Dry Creek	0	0	0	0	0	2
1. East Twin Lake (W of Kantishna)	0	0	0	0	0	5
1. Eielson AFB (Lakes)	0	0	0	0	0	2
1. Four Mile Lake (Taylor Hwy)	0	0	0	0	0	3
1. French Creek	0	0	0	0	0	3
1. Gardiner Creek	0	0	0	0	0	2
1. Bathing Beauty Pond	0	0	0	0	0	1
1. Grayling Lake	0	0	0	0	0	3
1. Harding Lake	0	84	0	0	0	9
1. Hutlinana Creek	0	0	0	0	0	1
1. Jack River	0	0	0	0	0	1
1. Jan Lake	0	0	0	0	0	1
1. Jenny M Creek	0	0	0	0	0	1
1. Cool Lake	0	0	0	0	0	9
1. Lake Minchumina	0	0	0	0	0	7
1. Lake View Gravel Pit	0	0	0	0	0	1

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Appendix A7. (Page 2 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Landmark Gap Lake	0	0	0	0	0	6
1. Little Salcha River	0	0	0	0	0	6
1. Little Harding Lake	0	0	0	0	0	1
1. Little Tok River	0	0	0	0	0	10
1. McDonald Creek	0	0	0	0	0	2
1. Gravel Pit (31 mi Richardson Hwy)	0	0	0	0	0	1
1. Gravel Pit (28 mi Richardson Hwy)	0	0	0	0	0	1
1. Mineral Lake	0	0	0	0	0	3
1. Minto Lakes (U)	0	0	0	0	0	1
1. Moose Creek (Near Northway)	0	0	0	0	0	2
1. Moose Creek (Near Kantishna)	0	0	0	0	0	1
1. Moose Lake	0	0	0	0	0	1
1. Ptarmigan Creek	0	0	0	0	0	1
1. Mullen Slough	0	0	0	0	0	1
1. Nabesna River	0	0	0	0	0	2
1. Nelson Clearwater River/Creek	0	0	0	0	0	2
1. Nenana River	0	0	0	0	0	4
1. Rainbow Lake (2 mi W Eielson AFB)	0	0	0	0	0	5
1. Robertson Lake	0	0	0	0	0	2
1. Salchaket Slough	0	0	0	0	0	2
1. Sand Lake (2 mi E Tetlin Lake)	0	0	0	0	0	1
1. Sansing Lake (Clear AFB Lake)	0	0	0	0	0	4
1. Savage River	0	0	0	0	0	1
1. Scout Lake	0	0	0	0	0	3
1. Shaw creek	0	0	0	0	0	15
1. Swan Lake	0	0	0	0	0	1
1. Tanana River	10	0	0	0	10	22
1. Tatalina River	0	0	0	0	0	1
1. Tok River	0	0	0	0	0	4
1. Tok Cutoff Overflow	0	0	0	0	0	3
1. Tolovana River	0	0	0	0	0	4
1. Twin Lakes	0	0	0	0	0	2
1. Volkmar River	0	0	0	0	0	1
1. Washington Creek	0	0	0	0	0	1
1. West Twin Lake (W of Kantishna)	0	0	0	0	0	1
1. Windy Creek	0	0	0	0	0	1
1. Wood River	0	0	0	0	0	2
1. Moose Crk (near Piledriver Sl)	0	0	0	0	0	7
1. Bear Crk (Mile 269 Parks Hwy)	0	0	0	0	0	1
1. Jerry Lake	0	0	0	0	0	1
1. Tangle River	0	0	0	0	0	5
1. Piledriver Slough	0	0	0	0	157	23
1. Frozentoot Creek	0	0	0	0	0	1
1. Horseshoe Lake	0	0	0	0	0	1

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Appendix A7. (Page 3 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Frenchman Creek	0	0	0	0	0	1
1. Moose Creek (Eielson AFB)	0	0	0	0	0	1
1. Teklanika River	0	0	0	0	0	1
1. Anaconda Creek	0	0	0	0	0	1
1. Hidden Lake (on Eielson AFB)	0	0	0	0	0	1
1. Pike Lake	0	0	0	0	0	2
1. Landmark Gap Lake Outlet	0	0	0	0	0	1
1. Middle River (E & W)	0	0	0	0	0	1
1. Twin Lakes (Upper & Lower)	0	0	0	0	0	1
1. Geskakmina Lake	0	0	0	0	0	2
1. T Lake	0	0	0	0	0	2
1. Fielding Creek	0	0	0	0	0	1
1. Eielson AFB (Streams)	0	0	0	0	0	2
1. Manley Hot Springs (Streams)	0	0	0	0	0	1
1. Gravel Pits (Chena Hot Springs Rd)	0	0	0	0	0	1
1. Crystal Lakes	0	0	0	0	0	1
1. Big Minto Lake	0	0	0	0	0	1
1. Clear Creek	0	0	0	0	0	3
1. Cantwell Creek	0	0	0	0	0	2
1. Clearwater Lake	0	0	0	0	0	1
1. Jack Lake	0	0	0	0	0	1
1. Rock Creek (Denali Hwy)	0	0	0	0	0	1
2. Jim River	0	0	0	0	111	12
2. Koyukuk River	0	0	0	0	0	6
2. Bonanza Creek	0	0	0	0	0	2
2. Wild River	0	0	0	0	0	1
2. Prospect Creek	0	0	0	0	0	3
2. Marion Creek	0	0	0	0	0	1
2. Roosevelt Creek	0	0	0	0	0	1
2. Bonanza Crk (Dalton Hwy)	0	0	0	0	0	1
2. Koyukuk River Middle Fork	0	0	0	0	0	2
2. Minnie Creek	0	0	0	0	0	1
2. Koyukuk River S. Fork	0	0	0	0	0	2
2. Rockybottom Crk	0	0	0	0	186	1
2. Utopia Creek	0	0	0	0	0	1
2. Huntington Creek	0	0	0	0	0	1
2. Hogatza River	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	5
2. Fish Creek	0	0	0	0	0	3
2. Billy Hawk Creek (N.F. Huslia)	0	0	0	0	0	1
3. Porcupine River	0	0	0	0	0	1
3. Sheenjek River	0	0	0	0	0	3
4. Andreafsky River	0	0	0	0	42	2
5. Innoko River	0	0	0	0	0	3

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Appendix A7. (Page 4 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
6. Anvik River	0	0	0	0	0	1
8. Hot Springs Creek (Melozi)	0	0	0	0	0	1
9. Nowitna River	0	0	0	0	0	4
10. Dall River (Dahl River)	0	0	0	0	0	5
11. Your Creek	0	0	0	0	0	1
11. Chandalar River	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	1
13. Champion Creek	0	0	0	0	0	1
13. Fortymile River	0	0	0	0	0	4
13. Little Champion Creek	0	0	0	0	0	1
13. Mosquito River (Fork)	0	0	0	0	0	1
13. Fortymile River South Fork	0	0	0	0	0	1
14. Little Dall River	0	0	0	0	0	1
14. Birch Creek	0	0	0	0	0	3
14. Glacier Creek	0	0	0	0	0	1
15. Beaver Creek	0	0	0	0	0	6
15. Cape Romanzof Streams	0	0	0	0	0	1
15. Grayling Creek (Yukon River)	0	0	0	0	10	1
15. Hess Creek	0	0	0	0	0	2
15. Talbiksok River	0	0	0	0	0	1
15. Yuki River	0	0	0	0	0	2
16. Other Lakes	0	0	0	0	0	4
16. John River	0	0	0	0	0	1
16. Wild Lake	0	0	0	0	0	1
16. Grayling Lake	0	0	0	0	0	1
16. Helpmejack Lks	0	0	0	0	0	1
16. Twin Lakes	0	0	0	0	0	1
16. Solsmunket Lake	0	0	0	0	0	1
16. Sithylenenkat Lake	0	0	0	0	0	1
16. Iniakuk Lake	0	0	0	0	0	1
16. Shallow Lake	0	0	0	0	0	1
17. Other Streams	0	0	0	0	0	2
17. Yukon River	0	52	0	0	0	4
TOTAL	1,048	199	0	0	998	1,780

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A8. Yukon River salmon sport harvest by fisheries and species, 1984.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	39	130
1. Lower Chena River	0	0	0	0	0	102
1. Badger Slough	0	0	0	0	0	49
1. Chatanika River	78	13	0	0	78	106
1. Salcha River	260	26	0	0	208	85
1. Delta Clearwater River	0	571	0	0	182	40
1. Richardson Clearwater River	0	0	0	0	0	9
1. Goodpaster River	0	0	0	0	0	13
1. Birch Lake	0	0	0	0	0	112
1. Quartz Lake	0	0	0	0	0	144
1. George Lake	0	0	0	0	0	20
1. Volkmar Lake	0	0	0	0	0	4
1. Fielding Lake	0	0	0	0	0	16
1. Minto Flats	0	0	0	0	0	26
1. Tangle Lakes	0	0	0	0	0	54
1. Shaw Creek	0	0	0	0	0	32
1. Delta River (below Tangle Lakes)	0	0	0	0	39	11
1. Chena Lake	0	0	0	0	0	88
1. Other Streams	0	26	0	0	39	7
1. Other Lakes	0	130	0	0	0	14
1. Birch Creek (Into Foraker R.)	0	0	0	0	0	3
1. Bluff Cabin Lake	0	0	0	0	0	1
1. Brushkana Creek	0	0	0	0	0	10
1. Chisana River	0	0	0	0	0	2
1. Clearwater Creek	0	0	0	0	0	1
1. Coal Creek (east Of Healy)	0	0	0	0	0	1
1. Deadman Lake (Tolvana)	0	0	0	0	0	1
1. Donna Lake	0	0	0	0	0	1
1. Dry Creek	0	0	0	0	0	1
1. East Twin Lake (W of Kantishna)	0	0	0	0	0	2
1. Fivemile Clearwater	0	0	0	0	0	1
1. Four Mile Lake (Taylor Hwy)	0	0	0	0	0	1
1. French Creek	0	0	0	0	0	2
1. Gardiner Creek	0	0	0	0	0	3
1. Goldstream Creek	0	0	0	0	0	1
1. Bathing Beauty Pond	0	0	0	0	0	1
1. Harding Lake	0	0	0	0	0	14
1. Jan Lake	0	0	0	0	0	1
1. Gravel Pit (Johnson Rd)	0	0	0	0	0	1
1. Julius Creek	0	0	0	0	0	1
1. Kantishna River	0	0	0	0	0	2
1. Cool Lake	0	0	0	0	0	1
1. Lake Minchumina	0	0	0	0	0	1

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Appendix A8. (Page 2 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Landmark Gap Lake	0	0	0	0	0	1
1. Lisa Lake	0	13	0	0	0	1
1. Little Salcha River	0	0	0	0	0	2
1. Little Harding Lake	0	0	0	0	0	3
1. Little Tok River	0	0	0	0	0	5
1. Lost Lake (Near Quartz Lake)	0	0	0	0	0	4
1. Mark Lake	0	0	0	0	0	6
1. McDonald Creek	0	0	0	0	0	1
1. Mineral Lake	0	0	0	0	0	4
1. Moose Creek (Near Northway)	0	0	0	0	0	1
1. Mullen Slough	0	0	0	0	0	1
1. Munson's Slough	0	0	0	0	0	1
1. Nenana River	0	0	0	0	0	3
1. Ptarmigan Lake (64 mi NE McCarthy)	0	0	0	0	0	1
1. Rainbow Lake (2 mi W Eielson AFB)	0	0	0	0	0	3
1. Rapids Lake	0	0	0	0	0	1
1. Robertson Lake	0	0	0	0	0	1
1. Rock Creek	0	0	0	0	0	1
1. Sansing Lake (Clear AFB Lake)	0	0	0	0	0	4
1. Scout Lake	0	0	0	0	0	1
1. Seattle Creek	0	0	0	0	0	1
1. South Fork Chena River	0	0	0	0	0	2
1. Sushana River	0	0	0	0	0	1
1. Tanana River	0	26	0	0	0	14
1. Tatalina River	0	0	0	0	0	1
1. Tatlanika Creek	0	0	0	0	0	1
1. Tok River	0	0	0	0	0	2
1. Tok Cutoff Overflow	0	0	0	0	0	3
1. Tolovana River	0	0	0	0	0	3
1. Twin Lakes	0	0	0	0	0	3
1. Volkmar River	0	0	0	0	0	1
1. Bear Creek	0	0	0	0	0	1
1. Moose Crk (near Piledriver Sl)	0	0	0	0	0	3
1. Fish Creek (mile 297 Parks Hwy)	0	0	0	0	0	1
1. Sevenmile Lake	0	0	0	0	0	2
1. Clearwater Ck(108 Slana-Tok Hwy)	0	0	0	0	0	1
1. Tangle River	0	0	0	0	0	3
1. Piledriver Slough	0	0	0	0	0	15
1. Moose Creek (Eielson AFB)	0	0	0	0	0	1
1. Clear Creek (Parks Hwy Nenana R)	0	0	0	0	0	2
1. Hidden Lake (on Eielson AFB)	0	0	0	0	0	1
1. Pike Lake	0	0	0	0	0	2
1. Twin Lakes (Upper & Lower)	0	0	0	0	0	1
1. Geskakmina Lake	0	0	0	0	0	1

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Appendix A8. (Page 3 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. T Lake	0	0	0	0	0	1
1. Twin Lakes (N. & S.)	0	26	0	0	0	3
1. Fielding Creek	0	0	0	0	0	1
1. Manley Hot Springs (Streams)	0	0	0	0	0	2
1. Gravel Pits Chena Hot Spring	0	0	0	0	0	1
1. Clear creek	0	0	0	0	0	3
1. Clearwater Lake	0	0	0	0	0	1
1. John Hansen Creek	0	0	0	0	0	1
1. John Hansen Lake	0	0	0	0	0	1
1. Lignite Creek	0	0	0	0	0	1
1. Otto Lake	0	0	0	0	0	1
1. Hot Springs Slough	0	0	0	0	0	1
1. Scottie Creek	0	0	0	0	0	1
1. Mirror Creek	0	0	0	0	0	1
1. Toklat River	0	0	0	0	0	1
1. Unnamed Lake (Soule Creek)	0	0	0	0	0	1
1. Siksik Lake	0	0	0	0	0	3
1. Moose Creek Bluff	0	0	0	0	0	1
1. Caribou Creek (Denali N.P.)	0	0	0	0	0	1
2. Haul Road Streams	0	0	0	0	0	5
2. Jim River	0	0	0	0	0	3
2. Koyukuk River	0	0	0	0	0	4
2. Bonanza Creek	0	0	0	0	0	1
2. Alatna River	13	0	0	0	0	1
2. Crevice Creek	0	0	0	0	0	1
2. Hammond River	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	2
3. Porcupine River	0	0	0	0	0	2
4. Andreafsky River	0	0	0	78	0	1
5. Innoko River	0	0	0	0	0	2
7. Nulato River	0	0	0	0	0	1
8. Melozitna River	0	0	0	0	0	2
9. Nowitna River	0	0	0	0	0	1
10. Dall River (Dahl River)	0	0	0	0	0	7
13. Fortymile River	0	0	0	0	0	2
14. Nation River	0	0	0	0	0	1
14. Christian River	0	0	0	0	0	1
14. Bear Creek (into Yukon River)	0	0	0	0	0	1
14. Boulder Creek (into Crooked Ck)	0	0	0	0	0	3
14. Nome Creek	0	0	0	0	0	1
14. Preacher Creek	0	0	0	0	0	1
15. Beaver Creek	0	0	0	0	0	2
15. Hess Creek	0	0	0	0	0	1
15. Kala Slough	0	0	0	0	0	1

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Appendix A8. (Page 4 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
16. Takahula Lake	0	0	0	0	0	1
16. Old John Lake	0	0	0	0	0	2
16. Ernie Lake	0	0	0	0	0	1
16. Wild Lake	0	0	0	0	0	1
16. Grayling Lake	0	0	0	0	0	1
16. Sithylenkat Lake	0	0	0	0	0	1
17. Other Streams	0	0	0	0	0	1
17. Bear Creek	0	0	0	0	0	1
17. Yukon River	0	0	0	0	0	2
TOTAL	351	831	0	78	585	1,311

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A9. Yukon River salmon sport harvest by fisheries and species, 1985.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	114
1. Lower Chena River	37	0	0	0	0	100
1. Badger Slough	0	0	0	0	0	49
1. Chatanika River	373	0	0	0	149	84
1. Salcha River	871	37	0	0	809	97
1. Delta Clearwater River	0	722	0	0	174	51
1. Richardson Clearwater River	0	12	0	0	37	8
1. Goodpaster River	0	0	0	0	0	13
1. Birch Lake	0	0	0	0	0	105
1. Quartz Lake	0	0	0	0	0	152
1. George Lake	0	0	0	0	0	13
1. Volkmar Lake	0	0	0	0	0	9
1. Fielding Lake	0	0	0	0	0	14
1. Minto Flats	0	0	0	0	0	25
1. Tangle Lakes	0	0	0	0	0	64
1. Shaw Creek	0	0	0	0	0	27
1. Delta River (below Tangle Lakes)	0	0	0	0	0	13
1. Chena Lake	0	0	0	0	0	54
1. Other Streams	0	0	0	0	0	10
1. Other Lakes	0	0	0	0	0	6
1. Bear Lake	0	0	0	0	0	1
1. Birch Creek (Into Foraker R)	0	0	0	0	0	1
1. Bluff Cabin Lake	0	0	0	0	0	1
1. Bolio Lake	0	0	0	0	0	3
1. Brushkana Creek	0	0	0	0	0	3
1. Clearwater Creek	0	0	0	0	0	1
1. Deadman Lake (Tolvana)	0	0	0	0	0	1
1. Big Delta River	0	0	0	0	12	1
1. East Twin Lake (W of Kantishna)	0	0	0	0	0	1
1. Eightmile Lake	0	0	0	0	0	1
1. Little Fish Creek (Tanana R)	0	0	0	0	0	2
1. Fish Lake	0	0	0	0	0	1
1. Fivemile Clearwater	0	0	0	0	0	2
1. Four Mile Lake (Taylor Hwy)	0	0	0	0	0	1
1. French Creek	0	0	0	0	0	2
1. Harding Lake	0	0	0	0	0	8
1. Julius Creek	0	0	0	0	0	1
1. Cool Lake	0	0	0	0	0	8
1. Lake Minchumina	0	0	0	0	0	1
1. Lake View Gravel Pit	0	0	0	0	0	1
1. Landmark Gap Lake	0	0	0	0	0	2
1. Lilly Lake	0	0	0	0	0	1
1. Lisa Lake	0	0	0	0	0	2

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Appendix A9. (Page 2 of 3).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Lost Lake (Near Quartz Lake)	0	0	0	0	0	2
1. Mansfield Lake	0	0	0	0	0	1
1. McDonald Creek	0	0	0	0	0	2
1. Mineral Lake	0	0	0	0	0	2
1. Moose Creek (Near Northway)	0	0	0	0	0	1
1. Ptarmigan Creek	0	0	0	0	0	1
1. Mullen Slough	0	0	0	0	0	1
1. Munson's Slough	0	0	0	0	0	2
1. Nelson Clearwater River/Creek	0	0	0	0	0	1
1. Nenana River	0	0	0	0	0	4
1. Rainbow Lake (2 mi W Eielson AFB)	0	0	0	0	0	1
1. Rock Creek	0	0	0	0	0	1
1. Salchaket Slough	0	0	0	0	0	1
1. Sansing Lake (Clear AFB Lake)	0	0	0	0	0	1
1. Seattle Creek	0	0	0	0	0	1
1. Tanana River	0	0	0	0	25	13
1. Thirtymile Slough	0	0	0	0	0	1
1. Tolovana River	0	0	0	0	0	3
1. Twin Lakes	0	0	0	0	0	2
1. Wien Lake	0	0	0	0	0	1
1. Wood River	0	0	0	0	37	2
1. Bear Creek	0	0	0	0	0	2
1. Moose Crk (Near Piledriver Sl)	0	0	0	0	12	7
1. Willow Creek	0	0	0	0	0	1
1. Tangle River	0	0	0	0	0	1
1. Piledriver Slough	0	0	0	0	0	12
1. Frenchman Creek	0	0	0	0	0	1
1. Clear Creek (Parks Hwy Nenana R)	0	0	0	0	0	1
1. Hidden Lake (On Eielson AFB)	0	0	0	0	0	1
1. Twin Lakes (Upper & Lower)	0	0	0	0	0	1
1. Twin Lakes (N. & S.)	0	0	0	0	0	3
1. Eielson AFB (Streams)	75	0	0	0	0	2
1. Clear Creek	0	0	0	0	0	4
1. Jack Lake	0	0	0	0	0	1
1. Scottie Creek	0	0	0	0	0	1
1. Mirror Creek	0	0	0	0	0	1
1. Twin Lakes (East & West)	0	0	0	0	0	4
1. Caribou Creek (Denali N.P.)	0	0	0	0	0	1
1. Chena Recreation (Streams)	0	0	0	0	0	2
1. No Name Creek	0	25	0	0	0	1
1. Wonder Lake	0	0	0	0	0	1
1. Solo Creek	0	0	0	0	0	1
1. Belle Creek	0	0	0	0	0	3
2. Haul Road Streams	0	0	0	0	0	4

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Appendix A9. (Page 3 of 3).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
2. Jim River	0	0	0	0	0	7
2. Koyukuk River	0	0	0	0	0	3
2. Bonanza Creek	0	0	0	0	0	2
2. Fish Creek (into Koyukuk R)	0	0	0	0	0	1
2. Marion Creek	0	0	0	0	0	1
2. Bonanza Crk (Dalton Hwy)	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	2
2. Fish Creek	0	0	0	0	0	3
3. Sheenjek River	0	0	0	0	0	1
3. Black River	12	12	0	0	12	2
9. Clearwater Creek	0	0	0	0	0	1
9. Nowitna River	0	0	0	0	0	1
10. Dall River (Dahl River)	0	0	0	0	0	2
11. Chandalar Creek	0	0	0	0	0	1
12. Charley River	0	0	0	0	0	2
13. Fortymile River	0	0	0	0	0	1
13. Mosquito River (Fork)	0	0	0	0	0	1
13. Fortymile River South Fork	0	0	0	0	0	1
14. 40 Mile Creek	0	0	0	0	0	1
14. Albert Creek	0	0	0	0	0	1
14. Birch Creek	0	0	0	0	0	1
14. Boney Creek	0	0	0	0	0	1
14. Nome Creek	0	0	0	0	0	2
14. Quail Creek	0	0	0	0	0	1
15. Beaver Creek	0	0	0	0	0	4
15. Tozitna River	0	0	0	0	0	2
16. Haul Road Lakes	0	0	0	0	0	3
16. Other Lakes	0	0	0	0	0	2
16. Jay Creek	0	0	0	0	0	1
16. Old John Lake	0	0	0	0	0	1
16. Iniakuk Lake	0	0	0	0	0	1
16. Grayling Lake (Dalton Hwy)	0	0	0	0	0	3
16. Cabin Lake	0	0	0	0	0	1
16. Big Fish Lake	0	0	0	0	0	1
17. Bear Creek	0	0	0	0	0	1
17. Yukon River	0	0	0	0	0	6
TOTAL	1,368	808	0	0	1,267	1,220

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix A10. Yukon River salmon sport harvest by fisheries and species, 1986.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	108
1. Lower Chena River	212	22	0	0	11	130
1. Badger Slough	0	0	0	0	0	47
1. Chatanika River	0	0	0	0	45	103
1. Salcha River	525	0	0	0	257	114
1. Delta Clearwater River	0	1,005	0	0	246	90
1. Richardson Clearwater River	0	0	0	0	22	8
1. Goodpaster River	0	0	0	0	0	12
1. Birch Lake	0	0	0	0	0	124
1. Quartz Lake	0	0	0	0	0	207
1. George Lake	0	0	0	0	0	32
1. Volkmar Lake	0	0	0	0	0	10
1. Fielding Lake	0	0	0	0	0	25
1. Minto Flats	0	0	0	0	0	52
1. Tangle Lakes	0	0	0	0	0	76
1. Shaw Creek	0	0	0	0	0	38
1. Delta River (below Tangle Lakes)	0	0	0	0	0	9
1. Chena Lake	0	0	0	0	0	57
1. Other Streams	0	0	0	0	0	6
1. Other Lakes	0	0	0	0	0	5
1. Baker Creek	0	0	0	0	0	1
1. Birch Creek (Into Foraker R)	0	0	0	0	0	1
1. Bolio Lake	0	0	0	0	0	11
1. Brown Lake	0	0	0	0	0	1
1. Brushkana Creek	0	0	0	0	0	15
1. Donna Lake	0	0	0	0	0	1
1. East Twin Lake (W of Kantishna)	0	0	0	0	0	2
1. Fish Lake	0	0	0	0	0	1
1. Ft. Wainwright Ponds	0	0	0	0	0	1
1. Four Mile Lake (Taylor Hwy)	0	0	0	0	0	1
1. Grayling Lake	0	0	0	0	0	2
1. Harding Lake	0	0	0	0	0	40
1. Hutlinana Creek	0	0	0	0	0	1
1. Gravel Pit (Johnson Rd)	0	0	0	0	0	1
1. Lake Minchumina	0	0	0	0	0	2
1. Landmark Gap Lake	0	0	0	0	0	2
1. Lisa Lake	0	0	0	0	0	1
1. Little Salcha River	0	0	0	0	0	1
1. Little Harding Lake	0	0	0	0	0	4
1. Little Tok River	0	0	0	0	0	4
1. Mark Lake	0	0	0	0	0	1
1. Gravel Pit (28Mi Richardson)	0	0	0	0	0	1
1. Moose Creek (Near Northway)	0	0	0	0	0	2

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Appendix A10. (Page 2 of 3).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Nabesna River	0	0	0	0	0	1
1. Nenana Pond	0	0	0	0	0	1
1. Sansing Lake (Clear AFB Lake)	0	0	0	0	0	1
1. Seattle Creek	0	0	0	0	0	1
1. Tanana River	11	179	0	0	112	94
1. Tok River	0	0	0	0	0	1
1. Tolovana River	0	0	0	0	0	6
1. Twin Lakes	0	0	0	0	0	2
1. West Twin Lake (W of Kantishna)	0	0	0	0	0	1
1. Sevenmile Lake	0	0	0	0	0	1
1. Tangle River	0	0	0	0	0	2
1. Piledriver Slough	0	0	0	0	0	8
1. Horseshoe Lake	0	0	0	0	0	4
1. Clear Creek (Parks Hwy Nenana R)	22	0	0	0	0	1
1. Hidden Lake (On Eielson AFB)	0	0	0	0	0	1
1. Pike Lake	0	0	0	0	0	1
1. Twin Lakes (Upper & Lower)	0	0	0	0	0	1
1. T Lake	0	0	0	0	0	1
1. Cantwell Creek	0	0	0	0	0	1
1. Scottie Creek	0	0	0	0	0	1
1. Unnamed Lake(Soule Creek)	0	0	0	0	0	1
1. Twin Lakes (East & West)	0	0	0	0	0	1
1. Dune Lake	0	0	0	0	0	2
1. Spencer Lake (Near Harding L)	0	0	0	0	0	1
1. Clear Creek	11	168	0	0	0	2
1. Moose Creek	0	0	0	0	0	3
1. Rainbow Lake	0	0	0	0	0	1
1. Deadman Lake	0	0	0	0	0	2
2. Haul Road Streams	0	0	0	0	0	7
2. Jim River	0	0	0	0	0	11
2. Koyukuk River	0	0	0	0	0	9
2. Bonanza Creek	0	0	0	0	0	3
2. Alatna River	0	0	0	0	0	1
2. Prospect Creek	0	0	0	0	0	1
2. Minnie Creek	0	0	0	0	0	1
2. Koyukuk River S. Fork	0	0	0	0	0	1
2. Hogatza River	0	0	0	0	0	1
2. Kanuti River	0	0	0	0	0	1
2. Fish Creek	0	0	0	0	0	1
2. Sucker River	0	0	0	0	0	1
2. Indian River	0	0	0	0	0	1
2. Fish Creek	0	0	0	0	0	2
3. Sheenjek River	0	0	0	0	0	1
4. Andreaafsky River	0	0	0	98	0	2

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Appendix A10. (Page 3 of 3).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
5. Innoko River	0	0	0	0	0	1
9. Nowitna River	0	0	0	0	0	3
9. Sulatna River	0	0	0	0	0	1
10. Dall River (Dahl River)	0	0	0	0	0	7
11. Chandalar River N. Fork	0	0	0	0	0	1
13. Fortymile River South Fork	0	0	0	0	0	1
14. Beaver Creek	15	0	0	0	92	1
14. Christian River	0	0	0	0	0	1
15. Beaver Creek	0	0	0	0	0	2
15. Tozitna River	0	0	0	0	0	1
15. Ray River	0	0	0	0	0	1
15. Galena Creek	0	0	0	0	0	1
15. Hess Creek	0	0	0	0	0	1
15. Kwiguk Pass Streams	0	73	0	0	0	1
16. Haul Road Lakes	0	0	0	0	0	2
16. Other Lakes	0	0	0	0	0	2
16. Grayling Lake	0	0	0	0	0	1
16. Twin Lakes	0	0	0	0	0	2
16. Chandalar Lake	0	0	0	0	0	3
16. Big Lake	0	0	0	0	0	3
17. Other Streams	0	15	0	0	61	2
17. Bear Creek	0	0	0	0	0	1
17. Yukon River	0	73	0	0	49	1
TOTAL	796	1,535	0	98	895	1,577

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

Appendix All. Yukon River salmon sport harvest by fisheries and species, 1987.

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Upper Chena River	0	0	0	0	0	111
1. Lower Chena River	195	0	0	0	49	96
1. Badger Slough	0	0	0	0	0	20
1. Chatanika River	21	0	0	0	0	127
1. Salcha River	244	0	0	0	132	92
1. Delta Clearwater River	0	1,068	0	0	42	51
1. Richardson Clearwater River	0	163	0	0	0	8
1. Goodpaster River	0	0	0	0	0	12
1. Birch Lake	0	0	0	0	0	115
1. Quartz Lake	0	0	0	0	0	183
1. George Lake	0	0	0	0	0	19
1. Volkmar Lake	0	0	0	0	0	8
1. Fielding Lake	0	0	0	0	0	12
1. Minto Flats	0	0	0	0	0	29
1. Tangle Lakes	0	0	0	0	0	37
1. Shaw Creek	0	0	0	0	0	12
1. Delta River (below Tangle Lakes)	0	0	0	0	0	11
1. Chena Lake	0	0	0	0	0	72
1. Other Streams	0	0	0	0	0	6
1. Other Lakes	28	0	0	0	0	9
1. Birch Creek (Into Foraker R)	0	0	0	0	0	3
1. Bluff Cabin Lake	0	0	0	0	0	3
1. Bolio Lake	0	0	0	0	0	3
1. Brown Lake	0	0	0	0	0	1
1. Brushkana Creek	0	0	0	0	0	13
1. Chisana River	0	0	0	0	0	1
1. Clearwater Creek	0	0	0	0	0	4
1. Crystal Springs Creek	0	0	0	0	0	1
1. Donna Lake	0	0	0	0	0	4
1. East Twin Lake (W of Kantishna)	0	0	0	0	0	8
1. Fivemile Clearwater	0	0	0	0	0	2
1. Four Mile Lake (Taylor Hwy)	0	0	0	0	0	3
1. Garrison Slough	0	0	0	0	0	1
1. Harding Lake	0	0	0	0	0	50
1. Healy Lake	0	0	0	0	0	3
1. Jack River	0	0	0	0	0	2
1. Jan Lake	0	0	0	0	0	2
1. Julius Creek	0	0	0	0	0	1
1. Kantishna River	0	0	0	0	0	1
1. Cool Lake	0	0	0	0	0	11
1. Lake Minchumina	0	0	0	0	0	8
1. Landmark Gap Lake	0	0	0	0	0	1
1. Lisa Lake	0	0	0	0	0	4

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Appendix All. (Page 2 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Little Harding Lake	0	0	0	0	0	1
1. Little Tok River	0	0	0	0	0	1
1. Mansfield Lake	0	0	0	0	0	1
1. Moon Lake (No Fish Present)	0	0	0	0	0	1
1. Munson's Slough	0	0	0	0	0	1
1. Nenana River	0	0	0	0	0	1
1. Noyes Slough	0	0	0	0	0	1
1. Rainbow Lake (2 mi W. Eielson AFB)	0	0	0	0	0	1
1. Salchaket Slough	0	0	0	0	0	2
1. Sansing Lake (Clear AFB Lake)	0	0	0	0	0	2
1. Scout Lake	0	0	0	0	0	2
1. Seattle Creek	0	0	0	0	0	2
1. Tanana River	0	0	0	0	0	1
1. Tatalina River	0	0	0	0	0	1
1. Tok Cutoff Overflow	0	0	0	0	0	1
1. Tolovana River	0	0	0	0	0	3
1. Twin Lakes	0	0	0	0	0	1
1. Wien Lake	0	0	0	0	0	2
1. Willow Creek (Steese Hwy)	7	0	0	0	0	1
1. Bear Creek	0	0	0	0	0	1
1. Jerry Lake	0	0	0	0	0	1
1. Tangle River	0	0	0	0	0	2
1. Piledriver Slough	0	0	0	0	49	83
1. Horseshoe Lake	0	0	0	0	0	1
1. Pike Lake	0	0	0	0	0	2
1. Twin Lakes (Upper & Lower)	0	0	0	0	0	2
1. Geskakmina Lake	0	0	0	0	0	2
1. Twin Lakes (N. & S.)	0	0	0	0	0	3
1. Manley Hot Springs (Streams)	0	0	0	0	0	2
1. Manchu Lake	0	0	0	0	0	4
1. Scottie Creek	0	0	0	0	0	2
1. Twin Lakes (East & West)	0	0	0	0	0	4
1. Wonder Lake	0	0	0	0	0	1
1. Dune Lake	0	0	0	0	0	7
1. Nickel Lake (Ft. Greely)	0	0	0	0	0	2
1. J Lake (Ft. Greely)	0	0	0	0	0	2
1. Doc Lake (Ft. Greely)	0	0	0	0	0	1
1. Spencer Lake (Near Harding L)	0	0	0	0	0	1
1. Hidden Lake (Near Tok)	0	0	0	0	0	1
1. Cripple Creek	0	0	0	0	0	1
1. Clear Crk (Richardson-Into Tanana)	0	0	0	0	0	2
1. Blue Creek (Into Tanana R)	0	0	0	0	0	1
1. Clear Creek	0	0	0	0	0	1
1. Moose Creek	0	0	0	0	0	5

-continued-

Appendix All. (Page 3 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
1. Deadman Lake	0	0	0	0	0	4
1. Beaver Creek	0	0	0	0	0	6
1. Nenana River Drainage	7	0	0	0	0	11
1. Lower Tanana River <sup>c</sup>	0	0	0	0	348	8
1. Middle Tanana River <sup>d</sup>	0	0	0	0	0	34
1. Upper Tanana River <sup>e</sup>	0	0	0	0	0	11
1. Lower Tangle Lake	0	0	0	0	0	1
1. Black Lake	0	0	0	0	0	1
1. Eagle Creek	0	0	0	0	0	1
1. George Creek	0	0	0	0	0	1
1. Potlatch Creek	0	0	0	0	0	1
1. Triple Lakes	0	0	0	0	0	3
2. Haul Road Streams	0	0	0	0	0	4
2. Jim River	0	0	0	0	0	8
2. Koyukuk River	0	0	0	0	0	2
2. Bonanza Creek	0	25	0	0	0	1
2. Koyukuk River Middle Fork	0	0	0	0	0	1
2. Koyukuk River S. Fork	0	0	0	0	124	2
2. Kanuti River	0	0	0	0	0	2
2. Fish Creek	0	0	0	0	0	1
2. Indian River	0	0	0	0	0	2
2. Fish Creek	0	0	0	0	0	2
3. Coleen River	0	0	0	0	0	1
4. Andreafsky River	0	36	0	0	35	1
7. Nulato River	0	0	0	0	25	1
9. Nowitna River	0	0	0	0	0	2
10. Dall River (Dahl River)	0	0	0	0	0	5
11. Chandalar River	0	0	0	0	0	2
12. Charley River	0	0	0	0	0	2
13. Fortymile River	0	0	0	0	0	2
13. Fortymile River South Fork	0	0	0	0	0	1
14. Beaver Creek	0	0	0	0	0	2
14. Albert Creek	0	0	0	0	0	1
14. Nome Creek	0	0	0	0	0	1
14. Preacher Creek	0	0	0	0	0	1
15. Hess Creek	0	0	0	0	0	2
15. Kaiyuh Slough	0	0	0	0	0	1
15. Kalakaket Creek (Kaia)	0	0	0	0	42	1
15. Kala Slough	0	0	0	0	0	1
16. Haul Road Lakes	0	0	0	0	0	1
16. Other Lakes	0	0	0	0	0	4
16. John River	0	0	0	0	0	1
16. Grayling Lake	0	0	0	0	0	1
16. Iniakuk Lake	0	0	0	0	0	1

-continued-

Appendix All. (Page 4 of 4).

Code <sup>a</sup>	Chinook Salmon	Coho Salmon	Sockeye Salmon	Pink Salmon	Chum Salmon	Number of Respondents <sup>b</sup>
16. Medicine Lake	0	0	0	0	0	1
17. Other Streams	0	0	0	0	0	3
17. Yukon River	0	0	0	0	0	2
TOTAL	502	1,292	0	0	846	1,468

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

<sup>c</sup> Downstream of Nenana

<sup>d</sup> Between Big Delta and Nenana

<sup>e</sup> Upstream of Big Delta

Appendix A12. Yukon River salmon sport harvest by fisheries and species, 1988.

Code <sup>a</sup>		Small <sup>b</sup>	Large		Sockeye	Pink	Chum	No. of
		Chinook Salmon	Chinook Salmon	Coho Salmon				
1.	Upper Chena River	18	0	0	0	0	0	108
1.	Lower Chena River	55	0	0	0	0	18	113
1.	Badger Slough	0	0	0	0	0	0	36
1.	Chatanika River	18	327	0	0	0	0	114
1.	Salcha River	236	0	0	0	0	55	74
1.	Delta Clearwater River	0	0	1,291	0	0	0	48
1.	Richardson Clearwater River	0	0	18	0	0	0	5
1.	Goodpaster River	0	0	0	0	0	0	17
1.	Birch Lake	0	0	0	0	0	0	154
1.	Quartz Lake	0	0	0	0	0	0	190
1.	George Lake	0	0	0	0	0	0	11
1.	Volkmar Lake	0	0	0	0	0	0	4
1.	Fielding Lake	0	0	0	0	0	0	21
1.	Minto Flats	18	0	0	0	0	0	25
1.	Tangle Lakes	0	0	0	0	0	0	45
1.	Shaw Creek	0	0	0	0	0	0	9
1.	Delta River (below Tangle Lakes)	0	0	0	0	0	0	12
1.	Chena Lake	0	0	0	0	0	0	57
1.	Other Streams	0	0	0	0	0	0	5
1.	Other Lakes	0	0	146	0	0	0	11
1.	Baker Creek	0	0	0	0	0	0	2
1.	Blair Lakes	0	0	0	0	0	0	2
1.	Bluff Cabin Lake	0	0	0	0	0	0	3
1.	Bolio Lake	0	0	0	0	0	0	6
1.	Brushkana Creek	0	0	0	0	0	0	19
1.	Donna Lake	0	0	0	0	0	0	10
1.	Donnelly Lake	0	0	0	0	0	0	2
1.	East Twin Lake (W of Kantishna)	0	0	0	0	0	0	8
1.	Eightmile Lake	0	0	0	0	0	0	1
1.	Eielson AFB (Lakes)	0	0	0	0	0	0	5
1.	Fish Creek (8 Mi Lk Parks Hwy)	0	0	0	0	0	0	1
1.	Four Mile Lake (Taylor Hwy)	0	0	0	0	0	0	4
1.	French Creek	0	0	0	0	0	0	1
1.	Garrison Slough	0	0	0	0	0	0	3
1.	Bathing Beauty Pond	0	0	0	0	0	0	1
1.	Harding Lake	0	0	0	0	0	0	53
1.	Healy Lake	0	0	0	0	0	0	6
1.	Jack River	0	0	0	0	0	0	2
1.	Jan Lake	0	0	0	0	0	0	5
1.	Kantishna River	0	36	182	0	0	18	1
1.	Cool Lake	0	0	0	0	0	0	6
1.	Lake Minchumina	0	0	0	0	0	0	4
1.	Lisa Lake	0	0	0	0	0	0	5

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Appendix A12. (Page 2 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large		Coho	Sockeye	Pink	Chum	No. of
		Chinook	Chinook	Salmon					
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>
1.	Little Salcha River	0	0	0	0	0	0	0	1
1.	Little Harding Lake	109	0	0	0	0	0	0	2
1.	Little Tok River	0	0	0	0	0	0	0	3
1.	Lost Lake (Near Quartz Lake)	0	0	0	0	0	0	0	1
1.	McDonald Creek	0	0	0	0	0	0	0	2
1.	Mineral Lake	0	0	0	0	0	0	0	2
1.	Moose Lake	0	0	0	0	0	0	0	1
1.	Mullen Slough	0	0	0	0	0	0	0	2
1.	Nenana Pond	0	0	0	0	0	0	0	1
1.	Panguingue Creek	0	0	0	0	0	0	0	1
1.	Pickarel Lake	0	0	0	0	0	0	0	1
1.	Rainbow Lake (2 mi W Eielson AFB)	0	0	0	0	0	0	0	1
1.	Robertson Lake	0	0	0	0	0	0	0	2
1.	Rock Creek	0	0	0	0	0	0	0	1
1.	Sansing Lake (Clear AFB Lake)	0	0	0	0	0	0	0	2
1.	Seattle Creek	0	0	0	0	0	0	0	2
1.	Tanana River	0	0	0	0	0	0	0	2
1.	Tatalina River	0	0	0	0	0	0	0	2
1.	Tok River	0	0	0	0	0	0	0	1
1.	Tok Cutoff Overflow	0	0	0	0	0	0	0	1
1.	Tolovana River	0	0	0	0	0	0	0	3
1.	Twin Lakes	0	0	0	0	0	0	0	1
1.	Washington Creek	0	0	0	0	0	0	0	2
1.	West Twin Lake (W of Kantishna)	0	0	0	0	0	0	0	1
1.	Wien Lake	0	0	0	0	0	0	0	1
1.	Windy Creek	0	0	0	0	0	0	0	1
1.	Tangle River	0	0	0	0	0	0	0	1
1.	Piledriver Slough	0	0	0	0	0	0	0	95
1.	Moose Creek (Eielson AFB)	0	0	0	0	0	0	0	2
1.	Teklanika River	0	18	0	0	0	0	0	1
1.	Hidden Lake (On Eielson AFB)	0	0	0	0	0	0	0	2
1.	Geskakmina Lake	0	0	0	0	0	0	0	1
1.	Twin Lakes (N. & S.)	0	0	0	0	0	0	0	6
1.	Manley Hot Springs (Streams)	0	0	0	0	0	0	0	4
1.	Manchu Lake	0	0	0	0	0	0	55	5
1.	Rock Creek (Denali Hwy)	0	0	0	0	0	0	0	1
1.	Scottie Creek	0	0	0	0	0	0	0	2
1.	Wonder Lake	0	0	0	0	0	0	0	2
1.	Dune Lake	0	0	273	0	0	0	0	11
1.	Forrest Lake	0	0	0	0	0	0	0	1
1.	Little Donna Lake	0	0	0	0	0	0	0	2
1.	Left O.P. Lake (Ft. Greely)	0	0	0	0	0	0	0	1
1.	Nickel Lake (Ft. Greely)	0	0	0	0	0	0	0	2
1.	J Lake (Ft. Greely)	0	0	0	0	0	0	0	3

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Appendix A12. (Page 3 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large		Coho	Sockeye	Pink	Chum	No. of
		Chinook	Chinook	Salmon					
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>
1.	Doc Lake (Ft. Greely)	0	0	0	0	0	0	0	1
1.	Lost Lake (Near Birch Lake)	0	0	0	0	0	0	0	1
1.	45.5 Mi Chena Hot Springs R	0	0	0	0	0	0	0	1
1.	47.9 Mi Chena Hot Springs R	0	0	0	0	0	0	0	1
1.	42.8 Mi Chena Hot Springs R	0	0	0	0	0	0	0	1
1.	Hidden Lake (Near Tok)	0	0	0	0	0	0	0	1
1.	Mile 29.5 Pit (Steese Hwy)	0	0	0	0	0	0	0	1
1.	Cripple Creek	0	0	0	0	0	0	0	1
1.	Clear Crk (Richardson-Into Tanana)	0	0	36	0	0	0	0	3
1.	Clear Creek	0	0	0	0	0	0	0	3
1.	Moose Creek	0	0	0	0	0	0	0	2
1.	Rainbow Lake	0	0	0	0	0	0	0	2
1.	Boulder Creek	0	0	0	0	0	0	0	1
1.	Deadman Lake	0	0	0	0	0	0	0	2
1.	Island Lake	0	0	0	0	0	0	0	2
1.	Beaver Creek	0	0	0	0	0	0	0	1
1.	Nenana River Drainage	0	18	255	0	0	0	0	17
1.	Lower Tanana River <sup>d</sup>	0	0	0	0	0	0	18	8
1.	Middle Tanana River <sup>e</sup>	0	0	36	0	0	0	109	26
1.	Upper Tanana River <sup>f</sup>	0	0	0	0	0	0	218	10
1.	Eagle Creek	0	0	0	0	0	0	0	1
1.	Triple Lakes	0	0	0	0	0	0	0	1
1.	Moose Creek (Near Mt McKinley)	0	0	0	0	0	0	0	1
1.	Birch Creek	0	0	0	0	0	0	0	2
1.	Angel Creek (into Chena R)	0	0	0	0	0	0	0	1
1.	Willow Creek (into Tanana R	0	0	0	0	0	0	0	1
1.	Cosna River (into Tanana R)	0	0	0	0	0	0	0	2
1.	Globe Creek (into Tatalina)	0	0	0	0	0	0	0	1
1.	Twelve Mile Lake	0	0	0	0	0	0	0	1
1.	Fort Greely Lakes	0	0	0	0	0	0	0	2
1.	Kalutna River	0	0	0	0	0	0	0	1
1.	Berry Creek	0	0	0	0	0	0	0	1
2.	Haul Road Streams	0	0	0	0	0	0	0	1
2.	Jim River	0	0	0	0	0	0	0	8
2.	Koyukuk River	0	0	0	0	0	0	0	7
2.	Alatna River	0	0	0	0	0	0	0	2
2.	Wild River	0	0	0	0	0	0	0	3
2.	Dietrich River	0	0	0	0	0	0	0	1
2.	Roy Creek	0	0	0	0	0	0	0	1
2.	Marion Creek	0	0	0	0	0	0	0	1
2.	Minnie Creek	0	0	0	0	0	0	0	1
2.	Koyukuk River S. Fork	0	0	0	0	0	0	0	3
2.	Kanuti River	0	0	0	0	0	0	0	5
2.	Fish Creek (Dalton Hwy)	0	0	0	0	0	0	0	2

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Appendix A12. (Page 4 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large					No. of
		Chinook	Chinook	Coho	Sockeye	Pink	Chum	
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondent <sup>c</sup>
2.	Fish Creek	0	0	0	0	0	0	2
2.	Indian River	0	0	0	0	0	0	1
2.	Billy Hawk Creek (N.F. Huslia)	0	0	0	0	0	0	1
2.	Red Star Creek (into Tinaygayak)	0	0	0	0	0	0	1
3.	Sheenjek River	0	0	0	0	0	0	1
3.	Coleen River	0	0	0	0	0	0	2
3.	Black River	0	0	0	0	0	0	1
4.	Andreafsky River	0	0	73	0	0	0	1
5.	Innoko River	0	0	0	0	0	0	2
6.	Anvik River	18	0	55	0	0	546	1
8.	Melozitna River	0	0	0	0	0	0	2
9.	Nowitna River	0	0	0	0	0	0	6
10.	Dall River (Dahl River)	0	0	0	0	0	0	4
11.	Your Creek	0	0	0	0	0	0	1
11.	Chandalar River	0	0	0	0	0	0	2
11.	Flat Creek	0	0	0	0	0	0	1
12.	Charley River	0	0	0	0	0	0	1
13.	Fortymile River	0	0	0	0	0	0	1
13.	Logging Cabin Creek	0	0	0	0	0	0	1
13.	Mosquito River (Fork)	0	0	0	0	0	0	1
14.	Hodzana River	0	0	0	0	0	0	1
14.	Kandik River	0	0	0	0	0	0	1
14.	Christian River	0	0	0	0	0	0	1
14.	Beaver Creek	0	0	0	0	0	0	1
14.	Glacier Creek	0	0	0	0	0	0	1
14.	Nome Creek	0	0	0	0	0	0	2
15.	Klein Creek	0	0	0	0	0	0	1
15.	Tozitna River	0	0	0	0	0	0	1
15.	Bishop Creek	0	0	0	0	0	0	1
15.	Hess Creek	0	0	0	0	0	0	5
15.	Kala Slough	0	0	0	0	0	0	1
16.	John River	0	0	0	0	0	0	2
16.	Wild Lake	0	0	0	0	0	0	1
16.	Chandalar Lake	0	0	0	0	0	0	1
16.	Iniakuk Lake	0	0	0	0	0	0	1
17.	Other Streams	0	0	0	0	0	0	1
17.	Yukon River	0	73	55	0	0	0	3
TOTAL		472	472	2,420	0	0	1,037	1,584

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Appendix A12. (Page 5 of 5).

Code <sup>a</sup>	Small <sup>b</sup>	Large					
	Chinook	Chinook	Coho	Sockeye	Pink	Chum	No. of
	Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> Anadromous chinook salmon 16 inches long or smaller

<sup>c</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

<sup>d</sup> Downstream of Nenana

<sup>e</sup> Between Big Delta and Nenana

<sup>f</sup> Upstream of Big Delta

Appendix A13. Yukon River salmon sport harvest by fisheries and species, 1989.

Code <sup>a</sup>	Small <sup>b</sup>		Large		Coho	Sockeye	Pink	Chum	No. of Respondents <sup>c</sup>
	Chinook	Salmon	Chinook	Salmon					
1. Upper Chena River	19		0		0	0	0	0	205
1. Lower Chena River	356		0		0	0	0	48	213
1. Badger Slough	0		0		0	0	0	0	59
1. Chatanika River	19		212		0	0	0	58	229
1. Salcha River	29		202		0	0	0	385	127
1. Delta Clearwater River	0		0		1,049	0	0	29	107
1. Richardson Clearwater River	0		0		0	0	0	0	14
1. Goodpaster River	0		0		0	0	0	0	23
1. Birch Lake	0		0		0	0	0	0	228
1. Quartz Lake	0		0		0	0	0	0	301
1. George Lake	0		0		0	0	0	0	18
1. Volkmar Lake	0		0		0	0	0	0	7
1. Fielding Lake	0		0		0	0	0	0	37
1. Minto Flats	0		0		0	0	0	0	26
1. Tangle Lakes	0		0		0	0	0	0	115
1. Shaw Creek	0		0		0	0	0	0	20
1. Delta River (below Tangle Lakes)	0		0		0	0	0	0	13
1. Chena Lake	0		0		0	0	0	0	140
1. Other Streams	10		0		0	0	0	0	12
1. Other Lakes	0		0		19	0	0	0	23
1. Baker Creek	0		0		0	0	0	0	4
1. Blair Lakes	0		0		0	0	0	0	2
1. Bluff Cabin Lake	0		0		0	0	0	0	3
1. Bolio Lake	0		0		0	0	0	0	2
1. Brushkana Creek	0		0		0	0	0	0	24
1. Gravel Pit (Chatanika)	0		0		0	0	0	0	1
1. Chitanana River	0		0		0	0	0	0	1
1. Clearwater Creek	0		0		0	0	0	0	2
1. Donna Lake	0		0		0	0	0	0	3
1. Dry Creek	0		0		0	0	0	0	1
1. East Twin Lake (W of Kantishna)	0		0		0	0	0	0	20
1. Eielson AFB (Lakes)	0		0		0	0	0	0	4
1. Fish Creek (8 Mi Lk Parks Hwy)	0		0		0	0	0	0	1
1. Four Mile Lake (Taylor Hwy)	0		0		0	0	0	0	6
1. French Creek	0		0		0	0	0	0	1
1. Gardiner Creek	0		0		0	0	0	0	1
1. Garrison Slough	0		0		0	0	0	0	1
1. Bathing Beauty Pond	0		0		0	0	0	0	3
1. Grayling Lake	0		0		0	0	0	0	3
1. Harding Lake	0		0		0	0	0	0	95
1. Healy Lake	0		0		0	0	0	0	13

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Appendix A13. (Page 2 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large		Coho	Sockeye	Pink	Chum	No. of
		Chinook	Chinook	Salmon					
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>
1.	Hutlinana Creek	0	0	0	0	0	0	0	1
1.	Jan Lake	0	0	0	0	0	0	0	8
1.	Gravel Pit (Johnson Rd)	0	0	0	0	0	0	0	1
1.	Julius Creek	0	0	96	0	0	38	0	2
1.	Kantishna River	0	0	0	0	0	0	0	1
1.	Cool Lake	0	0	0	0	0	0	0	15
1.	Lake Minchumina	0	0	0	0	0	0	0	9
1.	Landmark Gap Lake	0	0	0	0	0	0	0	3
1.	Lisa Lake	0	0	0	0	0	0	0	4
1.	Little Salcha River	0	0	0	0	0	0	0	1
1.	Little Harding Lake	0	0	0	0	0	0	0	2
1.	Mansfield Lake	0	0	0	0	0	0	0	2
1.	Mark Lake	0	0	0	0	0	0	0	1
1.	Mcdonald Creek	0	0	0	0	0	0	0	1
1.	Mineral Lake	0	0	0	0	0	0	0	2
1.	Moon Lake (No Fish Present)	0	0	0	0	0	0	0	1
1.	Ptarmigan Creek	0	0	0	0	0	0	0	1
1.	Mullen Slough	0	0	0	0	0	0	0	1
1.	Nabesna River	0	0	0	0	0	0	0	1
1.	Rainbow Lake (2 mi W Eielson AFB)	0	0	0	0	0	0	0	1
1.	Robertson Lake	0	0	0	0	0	0	0	4
1.	Rock Creek	0	0	0	0	0	0	0	1
1.	Sansing Lake (Clear AFB Lake)	0	0	0	0	0	0	0	2
1.	Savage River	0	0	0	0	0	0	0	1
1.	Scout Lake	0	0	0	0	0	0	0	2
1.	Tanana River	0	0	0	0	0	0	0	2
1.	Tatalina River	0	0	0	0	0	0	0	1
1.	Thirtymile Slough	0	0	0	0	0	0	0	1
1.	Tok River	0	0	0	0	0	0	0	2
1.	Tok Cutoff Overflow	0	0	0	0	0	0	0	1
1.	Tolovana River	0	0	0	0	0	0	0	4
1.	Twin Lakes	0	0	0	0	0	0	0	1
1.	Two Bit Lake	0	0	0	0	0	0	0	1
1.	Volkmar River	0	0	0	0	0	0	0	1
1.	Washington Creek	0	0	0	0	0	0	0	1
1.	Wien Lake	0	0	0	0	0	0	0	2
1.	Bear Creek	0	0	67	0	0	0	0	2
1.	Willow Creek	0	0	0	0	0	0	0	1
1.	Sevenmile Lake	0	0	0	0	0	0	0	1
1.	Tangle River	0	0	0	0	0	0	0	1
1.	Piledriver Slough	19	0	0	0	0	19	0	185
1.	Horseshoe Lake	0	0	0	0	0	0	0	3
1.	Clear Creek (Parks Hwy Nenana)	0	0	29	0	0	0	0	1
1.	Hidden Lake (On Eielson AFB)	0	0	0	0	0	0	0	9

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Appendix A13. (Page 3 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large	Coho	Sockeye	Pink	Chum	No. of
		Chinook Salmon	Chinook Salmon					
								Respondents <sup>c</sup>
1.	Pike Lake	0	0	0	0	0	0	7
1.	Twin Lakes (Upper & Lower)	0	0	0	0	0	0	2
1.	Geskakmina Lake	0	0	0	0	0	0	1
1.	T Lake	0	0	0	0	0	0	1
1.	Twin Lakes (N & S)	0	0	0	0	0	0	5
1.	Manchu Lake	0	0	0	0	0	0	2
1.	Clearwater Lake	0	0	0	0	0	0	2
1.	Jack Lake	0	0	0	0	0	0	1
1.	Rock Creek (Denali Hwy)	0	0	0	0	0	0	1
1.	Twin Lakes (East & West)	0	0	0	0	0	0	1
1.	Chena Recreation (Streams)	0	0	0	0	0	0	1
1.	Wonder Lake	0	0	0	0	0	0	1
1.	Dune Lake	0	0	0	0	0	0	33
1.	Les' Lake	0	0	0	0	0	0	1
1.	Little Donna Lake	0	0	0	0	0	0	2
1.	Chet Lake (Ft. Greely)	0	0	0	0	0	0	3
1.	Nickel Lake (Ft. Greely)	0	0	0	0	0	0	5
1.	Bullwinkle Lake (Ft. Greely)	0	0	0	0	0	0	1
1.	Hidden Lake (Near Tok)	0	0	0	0	0	0	1
1.	Moose Lake (Eielson AFB)	0	0	0	0	0	0	3
1.	Clear Crk (Richardson-Into Tanana)	0	0	48	0	0	0	1
1.	Clear Creek	0	0	77	0	0	38	3
1.	Fish Lake (S.E. Tanana)	0	0	0	0	0	0	1
1.	Glacier Gap Lake	0	0	0	0	0	0	4
1.	Moose Creek	0	0	19	0	0	19	6
1.	Rainbow Lake	0	0	0	0	0	0	5
1.	Boulder Creek	0	0	0	0	0	0	1
1.	Deadman Lake	0	0	0	0	0	0	4
1.	Beaver Creek	0	0	0	0	0	0	2
1.	Nenana River Drainage	10	29	192	0	0	77	31
1.	Lower Tanana R <sup>d</sup>	0	10	0	0	0	96	21
1.	Middle Tanana R <sup>e</sup>	38	10	0	0	0	289	48
1.	Upper Tanana R <sup>f</sup>	0	0	0	0	0	38	21
1.	Upper Tangle Lake	0	0	0	0	0	0	1
1.	Triple Lakes	0	0	0	0	0	0	1
1.	Moose Creek (Near Mt McKinley)	0	0	0	0	0	0	1
1.	Coal Mine Lake (Coal Mine Rd)	0	0	0	0	0	0	1
1.	Cosna River (into Tanana R)	0	0	0	0	0	0	1
1.	Fort Greely Lakes	0	0	0	0	0	0	1
1.	Serpentine Creek	0	0	0	0	0	0	1
1.	Healy River	0	0	0	0	0	0	1
1.	Colorado River	0	0	0	0	0	0	1
1.	Donnelly Creek (off Jarvis C)	0	0	0	0	0	0	2
1.	Moosehead Lake	0	0	0	0	0	0	1

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Appendix A13. (Page 4 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large	Coho	Sockeye	Pink	Chum	No. of
		Chinook	Chinook					
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>
1.	Lost Lake	0	0	0	0	0	0	1
2.	Haul Road Streams	0	0	0	0	0	0	20
2.	Jim River	0	0	0	0	0	0	10
2.	Koyukuk River	0	0	0	0	0	0	11
2.	Alatna River	0	0	0	0	0	0	1
2.	Wild River	0	0	0	0	0	0	3
2.	Bettles River	0	0	0	0	0	0	1
2.	Dietrich River	0	0	0	0	0	0	1
2.	Clear River	0	0	40	0	0	10	2
2.	Prospect Creek	0	0	0	0	0	0	1
2.	Marion Creek	0	0	0	0	0	0	1
2.	Bonanza Crk (Dalton Hwy)	0	0	0	0	0	0	8
2.	Koyukuk River Middle Fork	0	0	0	0	0	0	1
2.	Koyukuk River S. Fork	0	0	0	0	0	0	7
2.	Dulbi River	0	0	0	0	0	0	1
2.	Slate Creek	0	0	0	0	0	0	1
2.	Kanuti River	0	0	0	0	0	0	6
2.	Fish Creek (Dalton Hwy)	0	0	0	0	0	0	1
2.	Fish Creek	0	0	0	0	0	0	2
2.	Red Star Creek (into Tinayguk)	0	0	0	0	0	0	1
2.	Kanuti Lake	0	0	0	0	0	0	1
2.	Arrigetch Creek	0	0	0	0	0	0	1
2.	Tinayguk River	0	0	0	0	0	0	1
2.	Fish Creek	0	0	0	0	0	0	2
3.	Sheenjek River	0	0	0	0	0	0	1
3.	Coleen River	0	0	0	0	0	0	1
3.	Salmon Fork	0	10	0	0	0	0	1
3.	Old Woman Creek	0	0	0	0	0	0	1
4.	Andreafsky River	0	40	110	0	0	103	3
5.	Iditarod River	0	0	0	0	0	0	1
5.	Innoko River	10	0	0	0	0	21	4
6.	Anvik River	30	0	20	0	0	206	5
7.	Nulato River	0	0	0	0	0	31	1
8.	Melozitna River	0	0	0	0	0	0	5
9.	Nowitna River	0	0	0	0	0	0	9
10.	Dall River (Dahl River)	0	0	0	0	0	0	8
11.	Junjik River	0	0	0	0	0	0	1
11.	Baby Creek (into Chandalar R	0	0	0	0	0	0	1
12.	Charley River	0	0	0	0	0	0	2
13.	Dennision Fork	0	0	0	0	0	0	1
13.	Fortymile River	0	0	0	0	0	0	2
14.	Beaver Creek	0	0	0	0	0	0	1
14.	Kandik River	0	0	0	0	0	0	2

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Appendix A13. (Page 5 of 5).

Code <sup>a</sup>		Small <sup>b</sup>	Large		Coho	Sockeye	Pink	Chum	No. of
		Chinook	Chinook	Salmon					
		Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Salmon	Respondents <sup>c</sup>
14.	Nation River	0	0	0	0	0	0	0	1
14.	Birch Creek	0	0	0	0	0	0	0	2
14.	Minook Creek	0	0	0	0	0	0	0	1
14.	Seventymile River	0	0	0	0	0	0	0	1
15.	Ray River	0	0	0	0	0	0	0	1
15.	Cape Romanzof Streams	0	0	0	0	0	0	0	1
15.	Hess Creek	0	0	0	0	0	0	0	4
15.	Paimiut Slough (into Yukon)	0	0	0	0	0	0	0	1
15.	Pilot Mt. Slough	0	0	0	0	0	0	0	2
15.	Talbiksok River	0	0	0	0	0	0	0	3
15.	Twelve Mile Slough (into Yukon)	0	0	0	0	0	0	0	2
16.	Haul Road Lakes	0	0	0	0	0	0	0	6
16.	Other Lakes	0	0	0	0	0	0	0	13
16.	John River	0	0	0	0	0	0	21	3
16.	Old John Lake	0	0	0	0	0	0	0	4
16.	Wild Lake	0	0	0	0	0	0	0	2
16.	Twin Lakes	0	0	0	0	0	0	0	1
16.	Chandalar Lake	0	0	0	0	0	0	0	2
16.	Iniakuk Lake	0	0	0	0	0	0	0	1
16.	Big Lake	0	0	0	0	0	0	0	1
16.	Big Lake (Bob Johnson Lake)	0	0	0	0	0	0	0	1
16.	Birch Lake	0	0	0	0	0	0	0	1
16.	Forty Mile Lake	0	0	0	0	0	0	0	1
16.	Chimney River	0	0	0	0	0	0	0	1
16.	Medicine Lake	0	0	0	0	0	0	0	1
17.	Other Streams	0	0	0	0	0	0	62	11
17.	Bear Creek	0	0	30	0	0	0	0	3
17.	Yukon River	0	0	0	0	0	0	515	7
17.	Dome Creek	0	0	0	0	0	0	0	1
TOTAL		540	513	1,796	0	0	0	2,103	2,844

<sup>a</sup> 1: Tanana River; 2: Koyukuk River; 3: Porcupine River; 4: Andreafsky River; 5: Innoko River; 6: Anvik River; 7: Nulato River; 8: Melozitna River; 9: Nowitna River; 10: Dall River; 11: Chandalar River; 12: Charley River; 13: Fortymile River; 14: Other above Tanana River; 15: Other below Tanana River; 16: Yukon drainage lakes; 17: Other Yukon River

<sup>b</sup> Anadromous chinook salmon 16 inches long or smaller

<sup>c</sup> If the number of respondents is less than 12, estimates should be used only to indicate sport fishing occurred at a site. If the number of respondents is 12 to 29, estimates should be used with caution

<sup>d</sup> Downstream of Nenana

<sup>e</sup> Between Big Delta and Nenana

<sup>f</sup> Upstream of Big Delta

